



Appendix A Planning Process

A.1 Placer County Step 1: Organize to Prepare a Plan

(a). Involvement of Community Land Use and Comprehensive Planning

In addition to attending meetings, providing draft text for inclusion in the plan, reviewing plan documents, and coordinating input from other departments and stakeholders, Placer County planners also provided information on development since the last plan, mapping and details on future development areas, input on current mitigation capabilities, coordination with other planning mechanisms, and input on capabilities including in-progress modifications to various County plans, ordinances, and associated documents specific to Placer County's floodplain management program.

Placer County Planners

➤ Angel Green

Other planners to the process included Jeanine Foster and Chris Morrison, professional planners with Foster Morrison, the consultant for this LHMP Update, as well as other planners and staff from the incorporated communities and other participating jurisdictions involved in future land use development decisions for the Placer County Planning Area.

(b). Staff of County Departments on HMPC with Expertise on CRS Step 7 Activities

In order to promote the integration of CRS into this planning process, the representatives from the County were selected based on their areas of expertise relative to the CRS mitigation categories as detailed in Table A-1.

Table A-1 Placer County Staff Capability with Six Mitigation Categories

Jurisdiction/Departments	Prevention	Property Protection	Natural Resource Protection	Emergency Services	Structural Flood Control Projects	Public Information	Other
Placer County							
Emergency Services, Rod Rodriguez, Emergency Services Coordinator	X	X	X	X	X	X	X
Community Development Resource Agency, Planning Services Division, Angel Green, Senior Planner	X	X	X		X	X	X

Jurisdiction/Departments	Prevention	Property Protection	Natural Resource Protection	Emergency Services	Structural Flood Control Projects	Public Information	Other
Department of Public Works/Stormwater and Floodplain Programs, Mary Keller, PE, CFM	X	X	X		X	X	X

(c) Placer County Resolution formally recognizing and establishing the planning process/planning committee

Placer County put together a formal resolution early in the planning process for the establishment of a planning committee. This resolution can be seen below.

Before the Board of Supervisors County of Placer, State of California

Resolution No.: 2021-028

In the matter of: A resolution establishing a Hazard Mitigation Planning Committee and Hazard Mitigation Planning Subcommittee for the update of the Placer County Local Hazard Mitigation Plan

The following Resolution was duly passed by the Board of Supervisors of the County of Placer at a regular meeting held on February 16, 2021, by the following vote:

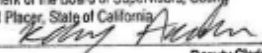
Ayes: GORE, WEYGANDT, HOLMES, JONES, GUSTAFSON

Noes: NONE

Absent: NONE

Signed and approved by me after its passage.

THE FOREGOING INSTRUMENT IS A CORRECT
COPY OF THE ORIGINAL ON FILE IN THIS OFFICE
ATTEST

MEGAN WOOD
Clerk of the Board of Supervisors, County
of Placer, State of California

Deputy Clerk


Chairman, Board of Supervisors

Attest:


Clerk of said Board

WHEREAS, Placer County is required to do hazard mitigation planning pursuant to the Robert T Stafford Disaster Mitigation Act of 2000 (DMA 2000) and for continued eligibility for certain sources of Federal Emergency Management Agency (FEMA) mitigation funding programs; and

WHEREAS, Placer County participates in The National Flood Insurance Program's (NFIP) Community Rating System (CRS); and

WHEREAS, the CRS Program also requires the County to adopt a Local Hazard Mitigation Plan (LHMP) with a Floodplain Management Plan component; and

WHEREAS, FEMA encourages combining the LHMP and CRS planning efforts into a single, coordinated plan; and

WHEREAS, to combine both program's efforts and meet the requirements of the LHMP and CRS Activity 510, it is necessary to establish a Hazard Mitigation Planning Committee (HMPC) and Hazard Mitigation Planning Subcommittee (HMP Subcommittee); and

WHEREAS, collectively, the HMPC and HMP Subcommittee will meet to fulfill the obligations of FEMA's DMA 2000 and the CRS Program Floodplain Management planning requirements through

organizing preparation of the LHMP update, involving the public, coordinating with other agencies, assessing the hazards, assessing problems, setting goals, reviewing possible activities, and assisting in the drafting of a mitigation action plan.

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF SUPERVISORS OF THE COUNTY OF PLACER, that the Board takes the following actions:

1. Establish a Hazard Mitigation Planning Committee (HMPC) and authorize the County Executive Officer, or designee, to appoint County staff members to the HMPC; and
2. Approve the following criteria for representation on the HMPC:

HMPC Representation

a. County Departments

- i. Agricultural Commissioner
- ii. Assessor's Office
- iii. Community Development Resource Agency
- iv. Facilities Services
- v. Fire Service
- vi. Health and Human Services
- vii. Office of Emergency Services
- viii. Public Works
- ix. Risk Management
- x. Sheriff's Office

b. Incorporated communities

- xi. City of Auburn
- xii. City of Colfax
- xiii. City of Lincoln
- xiv. City of Rocklin
- xv. Town of Loomis

c. Other participating organizations to include special districts and others seeking FEMA approval of their respective annex in the LHMP.

d. Other private citizens, members of the public, and stakeholders including local, regional, state, and federal agencies and partners identified by the Placer County Office of Emergency Services.

3. Establish a Hazard Mitigation Planning Subcommittee comprised of three (3) members of the public appointed by the County Executive Officer, or designee, and the three (3) County staff members of the HMPC from the Community Development Resource Agency, the Department of Public Works, and the Office of Emergency Services.
4. This resolution shall take effect immediately.

TO BE PLACED

[illegible]

[illegible]

Hazard Mitigation Planning Committee Participant List

Community/ Representative	Department/Organization	County	Citizen	Stakeholder	# Meetings
Placer County					
Other Agencies, Neighboring Jurisdictions, and Stakeholders					

[illegible]

Community/ Representative	Department/Organization	County	Citizen	Stakeholder	# Meetings

Kickoff Meeting

Kickoff Meeting Invite to Planning Team, Stakeholders, and Public

From:

Sent: Tuesday, October 6, 2020 3:48 PM

To: Young Rodriguez; (Elsa.Hucks@fire.ca.gov); (Shawn.Watkins@rocklin.ca.us); (mhiggins@penrynfire.org); amy.feagans@colfax-ca.gov; AndersBL@sutterhealth.org; Andy Fisher; Angel Green; Ann Hobbs; Brad Boulais; Brad Brewer; Brad Donohue (PWDirector@loomis.ca.gov); Brandon Sanders (BLSY@pge.com); Brett Storey; Brian Walker (WalkerBrian@roseville.ca.us); brian.eagan@fire.ca.gov; Brian.Estes@fire.ca.gov; Chip Close (close@nidwater.com); Chris Brown; Chris Gray-Garcia; Chris Morrison (chris.morrison@fostermorrison.com); Christina Hanson; Christopher Schmidt; Crystal Jacobsen; Darryl Mitani; Dave Atkinson; Dave Spencer (dspencer@auburn.ca.gov); David LeBlanc (dleblanc@usbr.gov); David Mohlenbrok (David.Mohlenbrok@rocklin.ca.us); Davis, Mike; dhughes@tahoetransportation.org; Doug Lee (Doug.Lee@lincolncal.gov); Ed Snider; 'Eric Sweet'; 'Eric Walder'; Erik Angle (AngleE@sutterhealth.org); Erik White; Eskinner2@sierracollege.edu; Felix Berbena (felix.berbena@pge.com); Fowler, Karl; George Alves (galves.pcs@earthlink.net); George Booth (boothge@saccounty.net); glofrano@placerhillsfire.org (glofrano@placerhillsfire.org); Greg Jones (jonesg@nidwater.com); Holly Powers; Ian Gow (igow@placerhillsfire.org); JAnderberg@placercoc.k12.ca.us; Jarrett Thiessen; Jason Rizzi (JRizzi@roseville.ca.us); Jeanine Foster (Jeanine.foster@fostermorrison.com); Jennifer Byous; jhutchings@usbr.gov; Jim Hudson (Jim.Hudson@fire.ca.gov); Jim Kotey; jingolia@southplacerrcd.org; Joshua Huntsinger; Julie Martin (j2martin@blm.gov); Kate Espinola (kate@placerrcd.org); Ken Grehm; Kevin Bell; Kevin Taber; Knox, Jesse -FS; Leonard Kiolbasa (Leonard.Kiolbasa@libertyutilities.com); Luana Dowling (dowlingluana@gmail.com); Mary George; Mary Keller; Michael Romero; Michael Woodbridge (mjwoodbridge@fs.fed.us); Michelle Mead - NOAA Federal (michelle.mead@noaa.gov); Mike Howard (mike.howard@parks.ca.gov); Mooshian, Mark; Neil Cochran - Foresthill PUD (neilc38@outlook.com); Nikki Streegan; Patrick Dillon (Patrick.Dillon@libertyutilities.com); PCWA Risk Management (Peter Cheney) (pcheney@pcwa.net); rangelocci@loomis.ca.gov; Reginald.williams@rocklin.ca.us; Rick Bartee (RBartee@roseville.ca.us); Rick Forstall (Rick.Forstall@rocklin.ca.us); Rick Holmes (Richard.Holmes@rocklin.ca.us); robert.f.griffith@kp.org; Ryan.Hanson@wildlife.ca.gov; Sarah Jones (sarah@placerrcd.org); Scott Alcantara (salcantara@sjwd.org); Scott.Liske@parks.ca.gov; Shawna Pratt; Shayne Wright (SCWright@placer.ca.gov); Stephanie Herrera; Steve Newsom; Steve Pedretti; Tami Martin (tami.martin@redcross.org); Ted Rel; Terry Butrym; Timothy Wegner; tlm@fs.fed.us; Tony Barela (tbarela@sjwd.org); Vicki Sacksteder; Wendy Williams; Wes Heathcock (wes.heathcock@colfax-ca.gov); West Bourgault (WBourgault@placer.ca.gov); (billseline@truckeeffire.org); Allen Riley (ariley@svpsd.org); Brad Johnson (bjohnson@ntpud.org); Brandon Burks (bburks@svpsd.org); Dennis Walsh; dlewis@tcpud.org; Emily Setzer; Erin Casey; horntvedt@ntfire.net; jflannery@fs.fed.us; jgibeaut@northstarfire31.com; jgroom@fs.fed.us; John Collins; jparker@ttsa.net; Kevin McKechnie (kevinmckechnie@truckeeffire.org); jgriffin@ttsa.net; mbutton@ttusd.org; 'McNamara, Steve' (mcnamara@ntfire.net); Michael Schwartz (schwartz@ntfire.net); michaelholley@tdpud.org; Peter Kraatz; rgreen@ttusd.org; Sean Bailey (SBailey@northstarcsd.org); Suzi Gibbons (sgibbons@ntpud.org); Tony Laliotis

Cc: Bekki Riggan; Sarah Poindexter; Brandon Burks; Sean Rabe; Brenna Howell; Adam Baughman; Allen Riley; Mishler, Andrew K -FS; Crawford, Brian B -FS; Paul.Cummings@co.nevada.ca.us; Jenn Tamo; Rebecca Leys; Cindi Dunsmoor; Mike Davis; Mark D'Ambrogio; Sadie Caldas; Robin Mahoney

Subject: Placer County Local Hazard Mitigation Plan Update Project - Hazard Mitigation Planning Committee Kickoff Meeting Invite

When: Wednesday, October 28, 2020 1:30 PM-4:00 PM (UTC-08:00) Pacific Time (US & Canada).

Where: Zoom Platform -

<https://us02web.zoom.us/j/81109100563?pwd=K1lmSzdzcDd4YjZtc2NxNUdvWnJ3dz09>; Meeting ID:

811 0910 0563; Passcode: 479633; Or call in: +1 669 900 6833 US (San Jose)

Greetings,

Placer County is kicking off efforts to develop a Local Hazard Mitigation Plan (LHMP) Update to the 2016 LHMP. The purpose of the LHMP Update process is to help reduce the impacts of hazards to the citizens, property, and critical infrastructure in the County. The Disaster Mitigation Act of 2000 (DMA 2000) requires that local governments have a FEMA-approved LHMP in place in order to be eligible for certain pre- and post-disaster mitigation funding utilized to protect communities from future disaster-related losses. Another benefit of this LHMP Update is to enhance the floodplain management programs of the county and cities which can help reduce the costs of flood insurance to residents of Placer County through their participation in the National Flood Insurance Program's (NFIP) Community Rating System (CRS).

You are receiving this notice because we would like to invite you to take part in this plan update as a member of the Hazard Mitigation Planning Committee (HMPC). In addition to plan participation by Placer County Departments, Cities/Town, fire districts, special districts, and state and federal agencies, the public and other interested stakeholders are encouraged to attend and participate. For additional info on the make-up of HMPC and participating allied agencies and stakeholders, please see attachment.

Agency and community participation and coordination is a requirement of an approved Plan, as is the inclusion of any hazard data, information, and mitigation projects your organization may want to see included in the Plan. Thus, your participation in this process is important and encouraged. Your input will be critical to the success of this project. Participation includes:

- Attending and participating in the HMPC meetings (5 anticipated over the next 9 months)
- Providing available data/information requested of the HMPC
- Reviewing and providing comments on the plan drafts

Placer County Office of Emergency Services (OES) is taking the lead on coordinating the LHMP updating project working with hired consultant, Foster Morrison Consulting (FMC). A project kickoff meeting will be held at the following location and date/time:

Planning Committee Meeting: Virtual Meeting – Zoom Platform

October 28, 2020 (Wednesday)

1:30 – 4:00 pm

<https://us02web.zoom.us/j/81109100563?pwd=K1lmSzdzcDd4YjZtc2NxNUdvWnJ3dz09>

Meeting ID: 811 0910 0563

Passcode: 479633

Or call in: +1 669 900 6833 US (San Jose)

The kickoff meeting will explain the process and how you can be involved. A public stakeholder meeting will also be held the evening of the same day of the kickoff meeting via Zoom from 6:00 – 7:30 pm. We encourage the public to participate as part of the HMPC to help inform this LHMP Update.

For more information on this project, please visit: <https://www.placer.ca.gov/1381/Local-Hazard-Mitigation-Plan>

Please RSVP and plan on attending or delegating attendance to this important meeting. If you are not the point of contact for your organization or would like to include others from your staff to receive future invites or updates, please let me know. For additional information or if you have questions, please contact Young (Rod) Rodriguez at yrodrigu@placer.ca.gov or by calling at (530) 886-5316.

Young (Rod) Rodriguez

Emergency Services Coordinator

Placer County Office of Emergency Services

(530) 886-5316

Email – yrodrigu@placer.ca.gov

www.placer.ca.gov



Kickoff Meeting Agenda

PLACER COUNTY LOCAL HAZARD MITIGATION PLAN (LHMP) UPDATE HMPC (KICKOFF) MEETING #1 October 28, 2020

1. Introductions
2. Hazard Mitigation & the Disaster Mitigation Act Planning Requirements
3. The National Flood Insurance Program (NFIP) Community Rating System (CRS)
4. The Role of the Hazard Mitigation Planning Committee (HMPC)
5. Planning for Public Input
6. Coordinating with other Agencies
7. Hazard Identification
8. Schedule
9. Data Needs
10. Questions and Answers

Kickoff Meeting Sign-in Sheets

Name/Title	Department/Agency/ Affiliation
Jeff Ingolia	South Placer Fire District
Eric Sweet	Sierra Pacific Industries
Darryl Mitani	Placer County Agriculture Department
Andrew Mishler	USFS Tahoe NF – American River
Neil Cochran	Foresthill Public Utility District
Mary George	Placer County Library
Scott Alcantara	San Juan Water District
Erik Angle	Sutter Roseville Medical Center
Brandon Burks	Olympic Valley Public Services District
Rod Rodriquez	Placer County OES
Brenna Howell	Howell Consulting with Foster Morrison
Holly Powers	Placer County OES
Shawnna Pratt	Placer County OES
Ted Rel	Placer County Parks and Rec Division
Bob Costa	Citizen Participan
Jim Kotey	Placer County Risk Management
Eric Horntvedt	North Tahoe Fire Protection District
Terry Butrym	Placer County Risk Management
Bill Seline	Truckee Fire
David Atkinson	Placer County, Department of Public Works, Environmental Utilities
Adam Baughman	Placer County APCD
Dennis Hughes	Placer County Facilities Management
Brett Storey	Placer County CDRA
Peter Kraatz	Placer County Public Works Department
Angel Green	Senior Planner, Placer County Community Development Resource Agency
Greg Jones	Nevada Irrigation District
Chris Gray-Garcia	Placer County Deputy Director of Communications and Public Affairs
Mary Keller	Placer County Flood
Brian Crawford	USFS Tahoe NF
Ed Snider	Placer County and Alta Fire Protection District
Allen Riley	Olympic Valley Fire Department
Roland Neufeld	City of Lincoln
Sarah Jones	Placer RCD, Executive Director
Erin Holland	North Tahoe Fire Public Information Officer
Brad Brewer	Placer County Flood Control and Water Conservation District, District Mgr.

Name/Title	Department/Agency/ Affiliation
Josh Huntsinger	Placer County Agriculture Department
Lee Kiolbasa	Liberty Utilities
Ann Hobbs	Placer County Air Pollution Control District
Justin Nartker	City of Rocklin
Sean Bailey	Northstar Fire Department
Nikki Streegan	Placer County Planning Services
Crystal Jacobsen	Placer County Tahoe CDRA
Suzi Gibbons	North Tahoe Fire Public Utility District
Jenn Tamo	Nevada County Office of Emergency Services
Steve Pedretti	Director of Placer CDRA
Georges Alves	Placer RCD
Jim Hudson	Placer County Fire Department/Cal Fire
Chris Brown	Placer County CDRA
James Anderberg	Placer County Office of Education, Chief Operations Officer, Admin Svcs
Sadie Caldas	Placer County Environmental Engineering, Env. Resource Specialist
Robin Mahoney	Placer County Environmental Engineering
Reggie Williams	City of Rocklin, Fire Chief
Danielle Hughes	Capital Program Manager
Danielle Hughes	Tahoe Transportation District
Emily Setzer	CDRA Tahoe, Sr. Management Analyst
Wendy Williams	Placer County Director of Communications
Sarah Poindexter	Placer County Executive Office, Management Analyst II
Jamie Sartain	City of Rocklin, Environmental Services Technician
Mark D'Amrogi	Placer Hills Fire District
Mark D'Amrogi	Newcastle Fire District
Mark D'Amrogi	Placer Sierra Fire Safe Council
Luana Dowling	Placer Firewise Community Coordinator
Jerry Martinez	Fire Management Officer BLM
Shane Wright	Placer County
Dave Spencer	City of Auburn Fire Department
Erik Skinner	VP Administrative Services, Sierra College
Sean Rabe	Town of Loomis, Town Manager
Mike Garabedian	Public
Peter Cheney	Placer County Water Agency
Chris Morrison	Foster Morrison Consulting
Jeanine Foster	Foster Morrison Consulting

Risk Assessment Meeting

Risk Assessment Meeting Invite to Planning Team, Stakeholders, and Public

From: Young Rodriguez <YRodrigu@placer.ca.gov>

Sent: Wednesday, January 20, 2021 4:20 PM

To: Young Rodriguez; (Elsa.Hucks@fire.ca.gov); (Shawn.Watkins@rocklin.ca.us); Adam Baughman; amy.feagans@colfax-ca.gov; AndersBL@sutterhealth.org; andrew.mishler@usda.gov; Andy Fisher; Angel Green; Ann Hobbs; austind@nidwater.com; bmancebo@penrynfire.org; Brad Boulais; Brad Brewer; Brad Donohue (PWDirector@loomis.ca.gov); Brandon Sanders (BLSY@pge.com); Brenna Howell (brenna@brennahowell.com); Brett Storey; Brian Walker (WalkerBrian@roseville.ca.us); brian.crawford@usda.gov; brian.eagan@fire.ca.gov; Brian.Estes@fire.ca.gov; Chip Close (close@nidwater.com); Chris Brown; Chris Gray-Garcia; Chris Morrison; Christina Hanson; Christopher Schmidt; Connie Schmidt; Crystal Jacobsen; dambrogi@placerhillsfire.org; Darryl Mitani; Dave Atkinson; Dave Spencer (dspencer@auburn.ca.gov); Dave Whitt (dwhitt@foresthill.org); David LeBlanc (dleblanc@usbr.gov); David Mohlenbrok (David.Mohlenbrok@rocklin.ca.us); Dennis Hughes; dhughes@tahoetransportation.org; Doug Lee (Doug.Lee@lincolncal.gov); Ed Snider; 'Eric Sweet'; 'Eric Walder'; Erik Angle (AngleE@sutterhealth.org); Erik White; Eskinner2@sierracollege.edu; Felix Berbena (felix.berbena@pge.com); Fowler, Karl; George Alves (galves.pcs@earthlink.net); glofrano@placerhillsfire.org (glofrano@placerhillsfire.org); Greg Jones (jonesg@nidwater.com); Holly Powers; hwakelee@gmail.com; Ian Gow (igow@placerhillsfire.org); Jamie Sartain (jamie.sartain@rocklin.ca.us); Jared Matcham (jmatcham@foresthillfire.org); Jarrett Thiessen; Jason Gibeaut (jgibeaut@northstarcsl.org); Jason Rizzi (JRizzi@roseville.ca.us); Jeanine Foster; Jeff Botto (jbotto@northstarcsl.org); Jennifer Byous; jhutchings@usbr.gov; Jim Hudson (Jim.Hudson@fire.ca.gov); Jim Kotey; jingolia@southplacervillefire.org; john@alpinesprings.org; Joshua Huntsinger; Julie Martin (j2martin@blm.gov); Justin Nartker (Justin.Nartker@Rocklin.ca.us); Kate Espinola (kate@placerrcd.org); Ken Grehm; Kevin Bell; Kevin Taber; Knox, Jesse -FS; Luana Dowling (dowlingluana@gmail.com); Mary George; Mary Keller; Michael Ridley (mridley@foresthillfire.org); Michael Romero; Michael Woodbridge (mjwoodbridge@fs.fed.us); Michelle Mead - NOAA Federal (michelle.mead@noaa.gov); Mike Howard (mike.howard@parks.ca.gov); Mike Lewis; Mooshian, Mark; Neil Cochran -Foresthill PUD (neilc38@outlook.com); Nikki Streegan; Patrick Dillon (Patrick.Dillon@libertyutilities.com); PCWA Risk Management (Peter Cheney) (pcheney@pcwa.net); rangelocci@loomis.ca.gov; Ray Leftwich (Ray.Leftwich@lincolncal.gov); rcosta1@sbcglobal.net; Rebecca Leys; Reginald.williams@rocklin.ca.us; Rick Bartee (RBartee@roseville.ca.us); Rick Forstall (Rick.Forstall@rocklin.ca.us); Rick Holmes (Richard.Holmes@rocklin.ca.us); robert.f.griffith@kp.org; Robin Mahoney; Roland.Neufeld@lincolncal.gov; Ryan.Hanson@wildlife.ca.gov; Sadie Caldas; Sarah Jones (sarah@placerrcd.org); Sarah Murdock (Sarah.Murdock@CalOES.ca.gov); sbarclay@tcpud.org; Scott Alcantara (salcantara@sjwd.org); Scott.Liske@parks.ca.gov; Shawanna Pratt; srabe@loomis.ca.gov; Stephanie Herrera; Steve Newsom; Steve Pedretti; Tami Martin (tami.martin@redcross.org); Ted Rel; Terry Butrym; Timothy Wegner; tlim@fs.fed.us; Tony Barela (tbarela@sjwd.org); Wendy Williams; Wes Heathcock (wes.heathcock@colfax-ca.gov); West Bourgault; Williams, Phillip; (billseline@truckeeffire.org); Allen Riley (ariley@olympicvalleyfire.org); Brad Johnson (bjohnson@ntpd.org); Brandon Burks (bburks@svpsd.org); Darrell Steinhauer; dlewis@tcpud.org; Emily Setzer; Erin Casey; Holland, Erin; horntvedt@ntfire.net; jflannery@fs.fed.us; jgibeaut@northstarfire31.com; jgroom@fs.fed.us; jparker@ttsa.net; Kevin McKechnie (kevinmckechnie@truckeeffire.org); lgriffin@ttsa.net; mbutton@ttusd.org; 'McNamara, Steve' (mcmamara@ntfire.net); Michael Schwartz (schwartz@ntfire.net); michaelholley@tdpd.org; Peter Kraatz; rgreen@ttusd.org; Sean Bailey (SBailey@northstarcsl.org); Suzi Gibbons (sgibbons@ntpd.org); Todd A. Rivera; Tony Lalotis

Cc: Bekki Riggan; Sarah Poindexter; Paul Cummings (Paul.Cummings@co.nevada.ca.us); Jenn Tamo (Jenn.Tamo@co.nevada.ca.us); Cindi Dunsmoor (CDunsmoor@buttecounty.net); George Booth (boothge@saccounty.net)

Subject: Placer County Local Hazard Mitigation Plan Update - Risk Assessment Meeting

When: Wednesday, February 3, 2021 1:30 PM-4:00 PM (UTC-08:00) Pacific Time (US & Canada).

Where: Zoom Platform -

<https://us02web.zoom.us/j/83106184231?pwd=RXRzdWhpKzFUOEpiSk5GeUVNbkh3UT09>; Or call in: +1 669.900.6833 (San Jose), Meeting ID: 831 0618 4231, Passcode: 216515

Placer County Hazard Mitigation Planning Committee:

You are invited to the HMPC Risk Assessment Meeting, our second planning committee meeting for the development of Placer County's Local Hazard Mitigation Plan (LHMP) Update. Many of you attended the planning committee kickoff meeting on October 28, 2020 which initiated the hazard mitigation planning effort, with support from Foster Morrison Consulting. Over the past couple of months, the Foster Morrison team has been working to collect data to develop Chapter 4 of our LHMP, the Risk Assessment Chapter, and for development of the Jurisdictional Annexes to the LHMP.

This Risk Assessment Meeting will be held via Zoom on Wednesday, February 3 from 1:30 – 4:00 pm. During this meeting, we will be reviewing the risk assessment data developed to date and will be looking for your feedback in refining and adding to this in-process Risk Assessment Chapter. We will also be discussing jurisdictional participation and data still needed to inform the risk assessment for the Placer County LHMP Update. Current information on the LHMP Update and dates and times of future meetings are located at <https://www.placer.ca.gov/1381/Local-Hazard-Mitigation-Plan>

Join Zoom Meeting

<https://us02web.zoom.us/j/83106184231?pwd=RXRzdWhpKzFUOEpiSk5GeUVNbkh3UT09>

Meeting ID: 831 0618 4231

Passcode: 216515

One tap mobile

+16699006833,,83106184231#,,,,*216515# US (San Jose)

Your ongoing participation is critical to the success of this project. Please let me know if you have any questions.

Thank you,

Young (Rod) Rodriguez

Emergency Services Coordinator

Placer County Office of Emergency Services

(530) 886-5316

Email – yrodriqu@placer.ca.gov

www.placer.ca.gov



Risk Assessment Meeting Agenda

Placer County Local Hazard Mitigation Plan (LHMP) Update Risk Assessment Meeting: February 3, 2021

1. Introductions
2. Status of the DMA Planning Process
3. Review of Risk Assessment
4. Open Discussion and Input on the Risk Assessment (Handout)
5. Review of Data Needs
6. Next Steps

Risk Assessment Meeting Sign in Sheets

Name/Title	Department/Agency/ Affiliation
Jeff Ingolia	South Placer Fire District
Scott Alcantara	San Juan Water District
Brandon Burks	Olympic Valley Public Services District
Rod Rodriguez	Placer County OES
Brenna Howell	Howell Consulting with Foster Morrison
Holly Powers	Placer County OES
Shawna Pratt	Placer County OES
Eric Horntvedt	North Tahoe Fire Protection District
David Atkinson	Placer County, Department of Public Works, Environmental Utilities
Adam Baughman	Placer County APCD
Brett Storey	Placer County CDRA
Angel Green	Senior Planner, Placer County Community Development Resource Agency
Chris Gray-Garcia	Placer County Deputy Director of Communications and Public Affairs
Mary Keller	Placer County Flood
Brian Crawford	USFS Tahoe NF
Ed Snider	Placer County and Alta Fire Protection District
Allen Riley	Olympic Valley Fire Department
Roland Neufeld	City of Lincoln
Jarrett Thiessen	Placer County – IT Director
Phillip Williams	Placer County Office of Education – Deputy Superintendent
Erin Holland	North Tahoe Fire Public Information Officer
Josh Huntsinger	Placer County Agriculture Department
Suzi Gibbons	North Tahoe Fire Public Utility District
Jed Matcham	Assistant Chief/Fire Marshall, Foresthill Fire Department
Dannette Austin	Nevada Irrigation District, austind@nidwater.org
Karen Enghusen	City of Rocklin kmtenghusen@hotmail.com
Dan Lewis	Tahoe City PUD, dlewis@tcpud.org
Pat Dillon	Liberty Utility
Heath Wakelee	Public, American Red Cross, Friends of Auburn Ravine, hwakelee@gmail.com
Matt Shawver	PCOE, mshawver@placercoe.org
Tami Martin	American Red Cross, tami.martin@redcross.org
Tolan Dworak	City of Lincoln Fire, tolan.dworak@lincolnca.gov
Jason Gibeaut	Northstar Fire Department, jgibeaut@northstarcsd.org
Steve Newsom	Placer County Director of Facilities Management
Dennis Hughes	Placer County Facilities Management

Name/Title	Department/Agency/ Affiliation
Bob Costa	Citizen Participant, rcosta1@sbcglobal.net
Bonnie Anderson	Sutter Auburn Faith Hospital Emergency Preparedness Coordinator, andersbl@sutterhealth.org
Shawn Watkins	Rocklin Fire, shawn.watkins@rocklin.ca.us
Felix Berbena, Jr.	PG&E, Sr. Public Safety Specialist, felix.berbena@pge.com
Mike Rufenacht	Assistant Chief
Brian Mackwood	Assistant Chief
Karen Enghusen	??
Chip Close	NID
Steve Pedretti	Director of Placer CDRA
Georges Alves	Placer RCD
Chris Brown	Placer County CDRA
Sadie Caldas	Placer County Environmental Engineering, Env. Resource Specialist
Reggie Williams	City of Rocklin, Fire Chief
Elsa Hucks	Cal Fire
Jamie Sartain	City of Rocklin, Environmental Services Technician
Mark D'Amrogi	Placer Hills Fire District
Mark D'Amrogi	Placer Sierra Fire Safe Council
Mark D'Amrogi	Newcastle Fire District
Luana Dowling	Placer Firewise Community Coordinator
Dave Spencer	City of Auburn Fire Department
Erik Skinner	VP Administrative Services, Sierra College
Sean Rabe	Town of Loomis, Town Manager
Peter Cheney	Placer County Water Agency
Chris Morrison	Foster Morrison Consulting
Jeanine Foster	Foster Morrison Consulting

Mitigation Strategy Meetings

Mitigation Strategy Meetings Invite to Planning Team, Stakeholders, and Public

From: Young Rodriguez <YRodrigu@placer.ca.gov>

Sent: Wednesday, February 10, 2021 4:37 PM

To: Young Rodriguez; (Elsa.Hucks@fire.ca.gov); (Shawn.Watkins@rocklin.ca.us); Adam Baughman; amy.feagans@colfax-ca.gov; AndersBL@sutterhealth.org; andrew.mishler@usda.gov; Andy Fisher; Angel Green; Ann Hobbs; austind@nidwater.com; bmancebo@penrynfire.org; Brad Boulais; Brad Brewer; Brad Donohue (PWDirector@loomis.ca.gov); Brandon Sanders (BLSY@pge.com); Brenna Howell (brenna@brennahowell.com); Brett Storey; Brian Walker (WalkerBrian@roseville.ca.us); brian.crawford@usda.gov; brian.eagan@fire.ca.gov; Brian.Estes@fire.ca.gov; Chip Close (close@nidwater.com); Chris Brown; Chris Gray-Garcia; Chris Morrison; Christina Hanson; Christopher Schmidt; Connie Schmidt; Crystal Jacobsen; dambrogi@placerhillsfire.org; Darryl Mitani; Dave Atkinson; Dave Spencer (dspencer@auburn.ca.gov); Dave Whitt (dwhitt@foresthill.org); David LeBlanc (dleblanc@usbr.gov); David Mohlenbrok (David.Mohlenbrok@rocklin.ca.us); Dennis Hughes; dhughes@tahoetransportation.org; Doug Lee (Doug.Lee@lincolncal.gov); Ed Snider; Emmanuel Ursu (planning@colfax-ca.gov); 'Eric Sweet'; 'Eric Walder'; Erik Angle (AngleE@sutterhealth.org); Erik White; Eskinner2@sierracollege.edu; Felix Berbena (felix.berbena@pge.com); Fowler, Karl; George Alves (galves.pcs@earthlink.net); glofrano@placerhillsfire.org (glofrano@placerhillsfire.org); Greg Jones (jonesg@nidwater.com); Holly Powers; hwakelee@gmail.com; Ian Gow (igow@placerhillsfire.org); Jamie Sartain (jamie.sartain@rocklin.ca.us); Jared Matcham (jmatcham@foresthillfire.org); Jarrett Thiessen; Jason Gibeaut (jgibeaut@northstarcsl.org); Jason Rizzi (JRizzi@roseville.ca.us); Jeanine Foster; Jeff Botto (jbotto@northstarcsl.org); Jennifer Byous; jhutchings@usbr.gov; Jim Hudson (Jim.Hudson@fire.ca.gov); Jim Kotey; jingolia@southplacervillefire.org; john@alpinesprings.org; Joshua Huntsinger; Julie Martin (j2martin@blm.gov); Justin Nartker (Justin.Nartker@Rocklin.ca.us); Kate Espinola (kate@placerrcd.org); Ken Grehm; Kevin Bell; Matt Lewis; Knox, Jesse -FS; Luana Dowling (dowlingluana@gmail.com); Mary George; Mary Keller; Michael Ridley (mridley@foresthillfire.org); Michael Romero; Michael Woodbridge (mjwoodbridge@fs.fed.us); Michelle Mead - NOAA Federal (michelle.mead@noaa.gov); Mike Howard (mike.howard@parks.ca.gov); Mike Lewis; Mooshian, Mark; Neil Cochran-Foresthill PUD (neilc38@outlook.com); Nikki Streegan; Patrick Dillon (Patrick.Dillon@libertyutilities.com); PCWA Risk Management (Peter Cheney) (pcheney@pcwa.net); rangelocci@loomis.ca.gov; Ray Leftwich (Ray.Leftwich@lincolncal.gov); rcosta1@sbcglobal.net; Rebecca Leys; Reginald.williams@rocklin.ca.us; Rick Bartee (RBartee@roseville.ca.us); Rick Forstall (Rick.Forstall@rocklin.ca.us); Rick Holmes (Richard.Holmes@rocklin.ca.us); robert.f.griffith@kp.org; Robin Mahoney; Roland.Neufeld@lincolncal.gov; Ryan.Hanson@wildlife.ca.gov; Sadie Caldas; Sarah Jones (sarah@placerrcd.org); Sarah Murdock (Sarah.Murdock@CalOES.ca.gov); sbarclay@tcpud.org; Scott Alcantara (salcantara@sjwd.org); Scott.Liske@parks.ca.gov; Shawna Pratt; snyder@jps.net; srabe@loomis.ca.gov; Stephanie Herrera; Steve Newsom; Steve Pedretti; Tami Martin (tami.martin@redcross.org); Ted Rel; Terry Butrym; Timothy Wegner; tlim@fs.fed.us; Tony Barela (tbarela@sjwd.org); Wendy Williams; Wes Heathcock (wes.heathcock@colfax-ca.gov); West Bourgault; Williams, Phillip; (billseline@truckee-fire.org); Allen Riley (ariley@olympicvalleyfire.org); Brad Johnson (bjohnson@ntcpud.org); Brandon Burks (bburks@svpsd.org); Darrell Steinhauer; dlewis@tcpud.org; Emily Setzer; Erin Casey; Holland, Erin; horntvedt@ntfire.net; jflannery@fs.fed.us; jgibeaut@northstarfire31.com; jgroom@fs.fed.us; joe@alpinesprings.org; jparker@ttsa.net; Kevin McKechnie (kevinmckechnie@truckee-fire.org); lgriffin@ttsa.net; mbutton@ttusd.org; 'McNamara, Steve' (mcnamara@ntfire.net); Michael Schwartz (schwartz@ntfire.net); michaelholley@tdcpud.org; Peter Kraatz; rgreen@ttusd.org; Sean Bailey (SBailey@northstarcsl.org); Suzi Gibbons (sgibbons@ntcpud.org); Todd A. Rivera; Tony Laliotis; Brad Cavallo; Jim Haufler; michaelgarabedian@earthlink.net; ShusterSL@cdmsmith.com; Steve Hubbard

Subject: Placer County LHMP Update: Mitigation Strategy Goal Meeting - Save the Date, 2/24/2021

When: Wednesday, February 24, 2021 2:00 PM-3:30 PM (UTC-08:00) Pacific Time (US & Canada).

Where: Zoom Meeting Link:

<https://us02web.zoom.us/j/81578188040?pwd=RE9rRnVKMFhKYXRHNGJCeTFpdnRxUT09>, Or call-in +1 669 900 6833, Meeting ID: 815 7818 8040, Passcode: 958595

Good afternoon,

First, thank you to those who attended last week's LHMP Risk Assessment Meeting and for all the great hazard input! Keep it coming – Remember we need hazard information specific to Placer County and each Participating Jurisdiction including hazard problem areas, past hazard occurrences since 2016, including impacts and damages and any unique vulnerability issues and impacts. Review the attached “Placer Risk Assessment Summary v020321” highlights for areas where additional information is needed.

Second, you are invited to the Mitigation Strategy Meetings (HMPC #3 & #4) for the 2021 Placer County LHMP Update. **These are the two most important meetings for this LHMP Update.**

Wednesday, February 24 (2:00 pm - 3:30 pm) - Mitigation Strategy Goal Meeting –

During this first meeting, we will be providing an overview of the LHMP Update Project and defining Next Steps. We will also be updating LHMP goals and objectives from the 2016 LHMP.

Zoom Meeting

Link: <https://us02web.zoom.us/j/81578188040?pwd=RE9rRnVKMFhKYXRHNGJCeTFpdnRxUT09>

Meeting ID: 815 7818 8040

Passcode: 958595

One tap mobile

+16699006833,81578188040#,*958595# US (San Jose)

Tuesday, March 2 (2:00 pm – 4:30 pm) - Mitigation Strategy Actions/Projects Meeting –

During this second meeting, we will be working to identify and evaluate potential mitigation actions and projects for reducing Placer County's and all Participating Jurisdiction's risk and vulnerability to priority hazards and disasters.

****Please make sure everyone that has mitigation projects to include in the LHMP Update for all identified priority hazards attends – All Participating Jurisdictions and their key staff, with knowledge or input on mitigation actions and projects, need to be present****

***Attached is the “Goals and Actions from the 2016 LHMP” for reference – this is what we are updating and adding to!

Zoom Meeting

Link: <https://us02web.zoom.us/j/81003262326?pwd=RDE3cUx0aYlY5b0V1bTQyS09UK1RYQT09>

Meeting ID: 810 0326 2326

Passcode: 922171

One tap mobile

+16699006833, 81003262326, *922171# US (San Jose)

Information for both meetings and attachments will also be posted on the County website at <https://www.placer.ca.gov/1381/Local-Hazard-Mitigation-Plan>

County and agency participation and coordination is a requirement of an approved LHMP, as is the inclusion of any hazard data, information, and mitigation projects your department or agency may want to see included in the plan. Your continued participation and input is critical to the success of this project.

Attachments:

- **FEMA Mitigation Ideas:** This reference document will provide mitigation projects ideas. Highly encourage all participants to review. What fits for Placer County?
- **Goals and Actions from the 2016 LHMP:** Will be reviewed during the meeting March 2nd
- **Placer Mitigation Action Worksheet:** This will need to be completed for each mitigation project/action to be included in the Plan Update, whether they are new or are being carried forward from the 2016 project list.
- **Placer Risk Assessment Summary v020321:** for reference and additional hazard risk information

Please let me know if you have questions. Thank you.

Young (Rod) Rodriguez

Emergency Services Coordinator

Placer County Office of Emergency Services

(530) 886-5316

Email – yrodrigu@placer.ca.gov

www.placer.ca.gov



Mitigation Strategy Meeting Agenda

Placer County Local Hazard Mitigation Plan (LHMP) Update Mitigation Strategy Meetings February 24th and March 2nd, 2021

HMPC Meeting #2:

1. Introductions
2. LHMP Project Status and Next Steps/Timeline
3. Priority Hazards Review
4. Develop Plan Goals and Objectives
5. Introduction to HMPC Meeting #4: Mitigation Alternatives/Actions/Projects

HMPC Meeting #3:

1. Introductions
2. Review Mitigation Categories and Selection Criteria
3. Brainstorming of Mitigation Alternatives/Actions/Projects by Hazard
4. Review of Voting Process for Prioritization of Mitigation Projects
5. Questions

Mitigation Strategy Meeting Sign in Sheets – February 24th

Name/Title	Department/Agency/Affiliation
Jeff Ingolia	South Placer Fire District
Scott Alcantara	San Juan Water District
Brandon Burks	Olympic Valley Public Services District
Rod Rodriguez	Placer County OES
Brenna Howell	Howell Consulting with Foster Morrison
Holly Powers	Placer County OES
Shawna Pratt	Placer County OES
Eric Horntvedt	North Tahoe Fire Protection District
David Atkinson	Placer County, Department of Public Works, Environmental Utilities
Adam Baughman	Placer County APCD
Brett Storey	Placer County CDRA
Angel Green	Senior Planner, Placer County Community Development Resource Agency
Mary Keller	Placer County Flood
Brian Crawford	USFS Tahoe NF
Ed Snider	Placer County and Alta Fire Protection District
Allen Riley	Olympic Valley Fire Department
Erin Holland	North Tahoe Fire Public Information Officer
Suzi Gibbons	North Tahoe Fire Public Utility District
Dannette Austin	Nevada Irrigation District, austind@nidwater.org
Matt Shawver	PCOE, mshawver@placercoe.org
Dennis Hughes	Placer County Facilities Management
Bob Costa	Citizen Participant, rcosta1@sbcglobal.net
Shawn Watkins	Rocklin Fire, shawn.watkins@rocklin.ca.us
Georges Alves	Placer RCD
Elsa Hucks	Cal Fire
Jamie Sartain	City of Rocklin, Environmental Services Technician
Mark D'Amrogi	Placer Hills Fire District
Mark D'Amrogi	Newcastle Fire District
Luana Dowling	Placer Firewise Community Coordinator
Dave Spencer	City of Auburn Fire Department
Erik Skinner	VP Administrative Services, Sierra College
Sean Rabe	Town of Loomis, Town Manager
Peter Cheney	Placer County Water Agency
Chris Morrison	Foster Morrison Consulting
Jeanine Foster	Foster Morrison Consulting

Name/Title	Department/Agency/Affiliation
Doug Lee	City of Lincoln Police and Fire
Emily Setzer	Placer County Community Development Resource Agency
Philip Williams	PCOE pwilliams@placercoe.k12.ca.us
Michael Ridley	Foresthill FPD
Brad Brewer	Placer County Flood Control and Water Conservation District
Jason Rizzi	Roseville Fire Department
Erik Angle	Sutter Roseville Med Center anglee@sutterhealth.org
Connie Schmidt	Placer County Sheriff
Brian Walker	City of Roseville Floodplain Mgr Sr. Engineer
John Hutchings	Bureau of Reclamation jhutchings@usbr.gov
Matt Lewis	Placer County Department of Public Works Roads
Emanuel Ursu	City of Colfax Planning planning@colfax-ca.gov
Robin Mahoney	Placer County Department of Public Works, Env Eng. Division rmahoney@placer.ca.gov
Sarah Jones	Placer County RCD
Daniel Dottai	Public Representative Daniel.dottai@king-engineering-inc.com
Bill Seline	Truckee FPD
Tami Martin	American Red Cross
Lee Kiolbasa	Liberty Utilities, Leonard.kiolbasa@libertyutilities.com

Mitigation Strategy Meeting Sign in Sheets – March 2nd

Name/Title	Department/Agency/Affiliation
Jeff Ingolia	South Placer Fire District
Scott Alcantara	San Juan Water District
Brandon Burks	Olympic Valley Public Services District
Rod Rodriguez	Placer County OES
Brenna Howell	Howell Consulting with Foster Morrison
Holly Powers	Placer County OES
Eric Horntvedt	North Tahoe Fire Protection District
Sadie Caldas	Placer County Environmental Utilities
David Atkinson	Placer County, Department of Public Works, Environmental Utilities
Adam Baughman	Placer County APCD
Angel Green	Senior Planner, Placer County Community Development Resource Agency
Mary Keller	Placer County Flood
Ed Snider	Placer County and Alta Fire Protection District
Erin Holland	North Tahoe Fire Public Information Officer

Name/Title	Department/Agency/Affiliation
Suzi Gibbons	North Tahoe Fire Public Utility District
Dannette Austin	Nevada Irrigation District, austind@nidwater.org
Matt Shawver	PCOE, mshawver@placercoe.org
Dennis Hughes	Placer County Facilities Management
Bob Costa	Citizen Participant, rcosta1@sbcglobal.net
Shawn Watkins	Rocklin Fire, shawn.watkins@rocklin.ca.us
Georges Alves	Placer RCD
Jamie Sartain	City of Rocklin, Environmental Services Technician
Mark D'Amrogi	Placer Hills Fire District
Mark D'Amrogi	Newcastle Fire District
Erik Skinner	VP Administrative Services, Sierra College
Sean Rabe	Town of Loomis, Town Manager
Peter Cheney	Placer County Water Agency
Roland Neufeld	City of Lincoln
Jeff Botto	Northstar Fire
Chris Morrison	Foster Morrison Consulting
Jeanine Foster	Foster Morrison Consulting
Michael Ridley	Foresthill FPD
Brad Brewer	Placer County Flood Control and Water Conservation District
Connie Schmidt	Placer County Sheriff
Matt Lewis	Placer County Department of Public Works Roads
Robin Mahoney	Placer County Department of Public Works, Env Eng. Division rmahoney@placer.ca.gov
Tony Laliotis	Tahoe City PUD
Daniel Dottai	Public Representative Daniel.dottai@king-engineering-inc.com
Bill Seline	Truckee FPD
Lee Kiolbasa	Liberty Utilities, Leonard.kiolbasa@libertyutilities.com
Justin Narkin	City of Rocklin
Peter Kraatz	Placer County Public Works, Assistant Director
New Attendees (below) to add to the Master List?	
Hank White	Foresthill PUD, gm@foresthillpud.com
Jed Matcham	Foresthill Fire Protection District, jmatcham@foresthillfire.org
Ted Rel	Placer County Parks
Terry Butrym	Placer County Risk Management
John Rogers	City of Auburn

Final HMPC Meeting

Final Team Meeting Invite to Planning Team, Stakeholders, and Public

INSERT

Final HMPC Meeting Agenda

AGENDA **Placer County Local Hazard Mitigation Plan (LHMP) Update** **Final Meeting** **June 9, 2021**

1. Introductions
2. Status of the LHMP Update Process
3. Addressing Public Comments
4. Summary of Changes in Placer County Planning Area Vulnerabilities/ Mitigation Priorities
5. Final Input: Data/Projects
6. Next Steps

Final Team Meeting Sign in Sheet

INSERT

A.2 Placer County Step 2: Involve the Public

Multiple efforts were made to engage the public during the creation of this plan, including direct outreach efforts such as phone calls, emails, direct mailings, and face-to-face meetings, in addition to the broader outreach efforts such as e-newsletters, website postings, newspaper advertisements and articles, and leveraging other community events to communicate and invite participation in the LHMP Update project. A key element of public participation is including members of the public and other public-type stakeholders (at 50% participation) on the Hazard Mitigation Planning Committee.

a) List of Hazard Mitigation Planning Committee (HMPC) Members

The HMPC, comprising key county, city, special district, and other government and stakeholder representatives and the public, developed the plan with leadership from the County OES and facilitation by Foster Morrison. The non-local government members of the Steering Committee (citizens and other outside stakeholders) represent more than 50% representation of the committee.

This list of HMPC members is shown in Section A.1.c of this Appendix.

b) and c) Public Meetings

In addition to advertisement and newspaper article for public participation, notices of meetings were sent directly to all persons on the HMPC contact list and also to other agency and key stakeholders with an interest in the Placer County Planning Area. The majority of these people reside in Placer County or in surrounding communities. The formal public meetings for this project are summarized in the following table.

Meeting Type	Meeting Topic	Meeting Date	Meeting Locations
Early Public Meeting	1) Intro to DMA, CRS and mitigation planning 2) 2021 LHMP Update Process	October 28, 2020	Zoom Meeting
Final Public Meeting	1) Presentation of Draft LHMP and solicitation of public and stakeholder comments	June 9, 2021	Zoom Meeting

Article Advertising Early Public Meeting

DO WE HAVE?

Early Public Meeting Press Release



Placer County 2021 Local Hazard Mitigation Plan Update

HELP YOUR COMMUNITY BE HAZARD-READY!

Placer County with its cities and numerous special districts will be updating their 2016 Local Hazard Mitigation Plan (LHMP) looking at the risk of floods, drought, wildfires, severe weather, and other natural hazards of concern to the County. While hazards such as these cannot be prevented, a Hazard Mitigation Plan forms the foundation for a community's long-term strategy to reduce disaster losses. A FEMA-approved Hazard Mitigation Plan allows agencies to apply for pre- and post-disaster mitigation grant funding. In addition, this LHMP Update provides for lower costs of flood insurance premiums to residents of Placer County through the National Flood Insurance Program's (NFIP) Community Rating System (CRS).

You are invited. Placer County is seeking members of the public to participate on our Hazard Mitigation Planning Committee (HMPC) for this LHMP Update. No background or expertise is required. We encourage attendance and participation from the general public at our upcoming Planning Committee and Public Meetings to kick off the project; please select the time and location that works best for you:

Planning Committee Virtual Meeting
October 28, 2020 (Wednesday)
1:30 - 4:00 pm

Public Information Virtual Meeting
October 28, 2020 (Wednesday)
6:00 – 7:30 pm

For more information and to obtain the Zoom link for the meetings, please visit our LHMP webpage at <https://www.placer.ca.gov/1381/Local-Hazard-Mitigation-Plan> or contact Rod Rodriguez at yrodrigu@placer.ca.gov.

###

Early Public Meeting Agenda

PLACER COUNTY LOCAL HAZARD MITIGATION PLAN (LHMP) PUBLIC MEETING #1 OCTOBER 28, 2020

1. Introductions
2. Hazard Mitigation & the Disaster Mitigation Act Planning Requirements
3. Hazard Identification and Profiles
4. Schedule
5. Questions and Answers

Early Public Meeting –Sign-in Sheets

SIGN-IN SHEET
Placer County
LOCAL HAZARD MITIGATION PLANNING PROJECT
Public Kickoff Meeting #1
October 28, 2020

Name/Title	Department/Agency/ Affiliation
Rod Rodriguez	Placer County OES
Holly Powers	Placer County OES
David Atkinson	Placer County, Department of Public Works, Environmental Utilities
Chris Morrison	Foster Morrison Consulting
Jeanine Foster	Foster Morrison Consulting

Article Advertising Final Public Meeting

Final Public Meeting Press Release

Final Public Meeting – Public Agenda

AGENDA
Placer County
Local Hazard Mitigation Plan (LHMP) Update
Final Public Meeting
June 9, 2021

1. Introductions
2. Status of the LHMP Update Process
3. Addressing Public Comments
4. Summary of Changes in Placer County Planning Area Vulnerabilities/ Mitigation Priorities
5. Public: Data/Projects
6. Next Steps

Final Public Meeting Sign in Sheets


INSERT

(d) Other Public Outreach Efforts

Effort	Description
Press Release October 8, 2020	A press release was developed and sent out by Placer County to inform the community of the upcoming LHMP kickoff meetings, and how they could get involved in the LHMP Update process.
Placer County eNewsletter Govdelivery October 8, 2020	Placer County sent out information on the LHMP Update process via their internal GovDelivery Newsletter to inform the community of the upcoming LHMP kickoff meetings, and how they could get involved in the LHMP Update process.
Article in Roseville Today Newspaper October 13, 2020	An article was published in Roseville Today Newspaper to make citizens in the County aware of the hazard mitigation update process and invite participation and attendance at upcoming HMPC and Public Meetings
Nextdoor Posting October 13, 2020	Information was posted on Nextdoor to make residents in the County aware of the hazard mitigation update process and invite participation and attendance at upcoming HMPC and Public Meetings
Article in Gold Country Newspaper (Auburn Journal) October 27, 2020	An article was published in Gold Country Newspaper to make citizens in the County aware of the hazard mitigation update process and invite participation and attendance at upcoming HMPC and Public Meetings
Public Outreach Flyer	An LHMP Update Public Outreach Flyer was developed as an outreach tool to inform the community of the LHMP Update process and how they can be involved
Facebook Event outreach February 3, 2021	Placer County posted information on their Facebook Page, informing the public of the LHMP Update and inviting them to the Risk Assessment meeting of the Hazard Mitigation Planning Committee Meeting.
Placer County LHMP Update Website	Information on the Plan update process and location of documents, and HMPC and public meeting information were posted on the County website. Links to the County website were placed on websites from the other incorporated communities.
Survey	A public survey was posted on the County's website inviting the public to comment on how prepared both the County and individuals are for a possible natural disaster, including flood events
Public Outreach at Placer County Public Library, Auburn location	The County prepared a table in the reference section with the draft plan at the Placer County Public Library, Auburn location. Invitations were placed on Facebook, the County website, and as part of the advertisement for public meetings to let the public know that the documents were there for review and input.
Public Outreach at Placer County Public Library, Granite Bay location	The County prepared a table in the reference section with the draft plan at the Placer County Public Library, Auburn location. Invitations were placed on Facebook, the County website, and as part of the advertisement for public meetings to let the public know that the documents were there for review and input.
Public Outreach at Placer County Public Library, Rocklin location	The County prepared a table in the reference section with the draft plan at the Placer County Public Library, Auburn location. Invitations were placed on Facebook, the County website, and as part of the advertisement for public meetings to let the public know that the documents were there for review and input.
Public Outreach at Placer County Public Library, Tahoe City location	The County prepared a table in the reference section with the draft plan at the Placer County Public Library, Auburn location. Invitations were placed on Facebook, the County website, and as part of the advertisement for public meetings to let the public know that the documents were there for review and input.

Effort	Description
Placer County Weekly e-newsletter	Information on the Plan update process and location of documents, and final HMPC and public meeting locations were included in the Placer County e-newsletter informing interested parties on how to provide input to the draft plan prior to submittal to Cal OES/FEMA
Paid Ad and Article in Newspaper: Sierra Sun	A paid ad was taken out and an article published before the final public meetings, to make citizens in the County aware of the hazard mitigation update process and invite comment on the draft plan/attendance at public meetings prior to submittal to Cal OES/FEMA
Article in Newspaper: Sierra Sun	Sierra Sun Staff attended the final public meeting in Tahoe. A follow-up article was published reporting on the final public meetings, to make citizens in the County aware of the hazard mitigation update process and invite comment on the draft plan prior to submittal to Cal OES/FEMA

Press Release - October 8, 2020


COVID-19 RESPONSE

Public counter services limited
[Click here to learn more](#)

Stay up to date on the coronavirus in Placer County
[Click here to learn more](#)

- Joint air quality advisory
- Hidden Falls town hall meeting
- County seeks input on internet service levels
- Outdoor urgency ordinance extended
- Supervisors approve second round of grants
- Halloween during COVID-19
- Help Placer County update their hazards plan

Placer County is seeking community feedback for their 2021 local hazard mitigation plan update

Published Oct. 8, 2020

Placer County is seeking community feedback to update its local hazard mitigation plan.

The plan, a partnership with cities and special districts, assesses the risk of floods, drought, wildfires, severe weather, and other natural hazards of concern to the county. While hazards are not always preventable, a hazard mitigation plan establishes the foundation for a long-term community strategy to reduce disaster losses, while also making Federal Emergency Management Agency resources available upon plan approval.

A FEMA-approved hazard mitigation plan allows agencies to apply for pre- and post-disaster mitigation grant funding. It can also increase community ratings used for the National Flood Insurance Program, which can result in lower flood insurance premiums through the program.

Placer County is seeking members of the public to participate on the hazard mitigation planning committee for this plan update. Background experience on the issue is not required. Placer County is requesting attendance and participation from the community at the upcoming planning committee and public meetings to kick off the project.

Planning committee virtual meeting
Wednesday, Oct. 28
1:30 – 4 p.m.
<https://us02web.zoom.us/j/81109100563?pwd=K1lmSzdzcDd4YjZlc2NxNUdvWmJ3dz09>
Meeting ID: 811 0910 0563
Passcode: 479633
Or call in: +1 669 900 6833

Public information virtual meeting
Wednesday, Oct. 28
6– 7:30 p.m.
<https://us02web.zoom.us/j/86599073886?pwd=MXJlWmN6d1hqdm0MEhTbDNZbnQ2UT09>
Meeting ID: 865 9907 3886
Passcode: 165810
Or call in: +1 669 900 6833

Interested residents can find more information by visiting the LHMP webpage at <https://www.placer.ca.gov/1381/Local-Hazard-Mitigation-Plan> or by contacting Rod Rodriguez at yrodngu@placer.ca.gov

Placer County eNewsletter Govdelivery - October 8, 2020

More help for businesses, nonprofits impacted by COVID-19



Placer County <PlacerCounty@public.govdelivery.com>

To: Stephanie Herrera

Retention Policy: Entire Mailbox 3 Year (3 years)

Expires: 10/8/2023

Reply Reply All Forward

Thu 10/8/2020 6:32 PM

Placer County



The Placer County Board of Supervisors this week approved the opening of a second round of Placer Shares grant applications to distribute \$250,000 to small businesses. Additionally, \$150,000 will be distributed to eligible county nonprofits that have already applied for a Placer Shares grant, but were not funded during the first round. [Learn more](#)

Let's work together to reduce natural hazard risks in Placer County



We're asking for your feedback to help update our local hazard mitigation plan. The plan, a partnership with cities and special districts, assesses the risk of floods, drought, wildfires, severe weather, and other natural hazards of concern to the county. Join us (virtually) for our first community meetings Oct. 28. [Learn more](#)

Article in Roseville Today Newspaper - October 13, 2020

Business, Travel & Entertainment
Roseville Today
Since 2001

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Roseville

HOME LOCAL NEWS YELLOW PAGES ADVERTISE TRAVEL COLUMNS EVENTS MUSIC

Home > News > Auburn > Placer County seeks community feedback for Local Hazard Mitigation Plan update

NEWS AUBURN ROCKLIN NEWS ROSEVILLE NEWS

PLACER COUNTY SEEKS COMMUNITY FEEDBACK FOR LOCAL HAZARD MITIGATION PLAN UPDATE

Staff - October 13, 2020

Share

our Local Sponsors

LONG-TERM STRATEGY TO REDUCE DISASTER LOSSES

AUBURN, Calif – Placer County is seeking community feedback to update its local hazard mitigation plan.

The plan, a partnership with cities and special districts, assesses the risk of floods, drought, wildfires, severe weather, and other natural hazards of concern to the county. While hazards are not always preventable, a hazard mitigation plan establishes the foundation for a long-term community strategy to reduce disaster losses, while also making Federal Emergency Management Agency resources available upon plan approval.

A FEMA-approved hazard mitigation plan allows agencies to apply for pre- and post-disaster mitigation grant funding. It can also increase community ratings used for the National Flood Insurance Program, which can result in lower flood insurance premiums through the program.

Upcoming Events

May 18	Roseville Swim School Registration
May 22	Journey Revisited Drive In Concert
Jun 11	Is EV Right for You?
Jun 24	Placer County Fair 2021

[View Calendar](#)

Around California

CALIFORNIA DISTRICT ATTORNEYS RAISE ALARM OVER EARLY RELEASE OF VIOLENT CRIMINALS

Nextdoor Posting - October 13, 2020

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**Placer County**
Placer County Public Information Stephanie Herrera • 17 hr ago

Placer County is seeking community feedback for their 2021 local hazard mitigation plan update. Hello!

Placer County is seeking community feedback to update its local hazard mitigation plan.

The plan, a partnership with cities and special districts, assesses the risk of floods, drought, wildfires, severe weather, and other natural hazards of concern to the county. While hazards are not always preventable, a hazard mitigation plan establishes the foundation for a long-term community strategy to reduce disaster losses, while also making Federal Emergency Management Agency resources available upon plan approval.

A FEMA-approved hazard mitigation plan allows agencies to apply for pre-and post-disaster mitigation grant funding. It can also increase community ratings used for the National Flood Insurance Program, which can result in lower flood insurance premiums through the program.

Placer County is seeking members of the public to participate on the hazard mitigation planning committee for this plan update. Background experience on the issue is not required. Placer County is requesting attendance and participation from the community at the upcoming planning committee and public meetings to kick off the project.

Planning committee virtual meeting
Wednesday, Oct. 28
1:30 – 4 p.m.
[https://us02web.zoom.us/j/81109100563?](https://us02web.zoom.us/j/81109100563?pwd=K1lMszdzdDd4YjZtc2NxNUdvWnJ3dz09)
[pwd=K1lMszdzdDd4YjZtc2NxNUdvWnJ3dz09](https://us02web.zoom.us/j/81109100563?pwd=K1lMszdzdDd4YjZtc2NxNUdvWnJ3dz09)
Meeting ID: 811 0910 0563
Passcode: 479633
Or call in: +1 669 900 6833

Public information virtual meeting
Wednesday, Oct. 28
6– 7:30 p.m.
[https://us02web.zoom.us/j/86599073886?](https://us02web.zoom.us/j/86599073886?pwd=MXJlWnN6d1hqdml0MEhTbDNZbnQ2UT09)
[pwd=MXJlWnN6d1hqdml0MEhTbDNZbnQ2UT09](https://us02web.zoom.us/j/86599073886?pwd=MXJlWnN6d1hqdml0MEhTbDNZbnQ2UT09)
Meeting ID: 865 9907 3886
Passcode: 165810
Or call in: +1 669 900 6833

Interested residents can find more information by visiting the LHMP webpage at <https://www.placer.ca.gov/1381/Local-Hazard-Mitigation-Plan> or by contacting Rod Rodriguez at yrodrigu@placer.ca.gov.


Posted to **Subscribers of Placer County** in 1 area


Like

Comment

7

1793 Impressions

Add a comment...

**Placer County**
135,569 members
48% of 187,699 households
371 neighborhoods

DetailsEdit

Placer County
175 Fulweiler Ave
Auburn, CA 95603
[Get directions](#)

(530) 886-4646

PIOStaff@placer.ca.gov

[placer.ca.gov/](https://www.placer.ca.gov/)

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A FEMA-approved hazard mitigation plan allows agencies to apply for pre-and post-disaster mitigation grant funding. It can also increase community ratings used for the National Flood Insurance Program, which can result in lower flood insurance premiums through the program.

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[pwd=MXJlWnN6d1hqdml0MEhTbDNZbnQ2UT09](https://us02web.zoom.us/j/86599073886?pwd=MXJlWnN6d1hqdml0MEhTbDNZbnQ2UT09)
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Posted to **Subscribers of Placer County** in 1 area


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[placer.ca.gov/](https://www.placer.ca.gov/)


Article in Gold Country Newspaper (Auburn Journal) - October 27, 2020

Gold Country Media

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Placer County seeks public feedback for local hazard mitigation plan update

 Stacey Adams Oct 27, 2020 5:00 AM

Placer County is inviting the public to provide feedback on the update of the 2016 local hazard mitigation plan.

According to the Federal Emergency Management Agency (FEMA) website, a mitigation plan minimizes the impact of disasters and is the key to breaking the cycle of disaster damage, reconstruction and repeated damage.

The county works with several allied local, state and federal agencies, such as Cal Fire, Caltrans, Parks and Recreation, CHP and the Bureau of Reclamation, to assess natural hazards that are of concern to the county and each agency. Including wildfires, floods and severe weather. Throughout the process, a risk and vulnerability assessment will be completed and information from participating agencies will be reviewed and updated, according to Rod Rodriguez, Placer County emergency services coordinator.

The plan develops the foundation for a strategy to reduce disaster loss and makes FEMA resources available once a plan is approved. According to a county news release, a FEMA-approved plan allows agencies to apply for disaster mitigation funding, and can increase community ratings used for the National Flood Insurance Program, which can lower flood insurance premiums through the program.

The county will host two virtual meetings Wednesday, Oct. 28, for the project update:

Planning committee meeting

1:30 p.m.-4 p.m.


Access via phone: +1 669-900-6833

Access via Zoom: <https://us02web.zoom.us/j/81109100563?pwd=K1lmSzdzcDd4YjZlc2IubktlUldvVWVnJ3dz09>


School vandalism, vacation rental scam, more

Placer County Sheriff's crime log: Counterfeit bills, fentanyl possession arrest, more


Capital Connector project underway to connect Folsom to Elk Grove



Brook's bomb sends Rocklin off with a bang



Lincoln News Messenger
Four teens injured in Lincoln backyard fire





Help Reduce Disaster Losses in Your Community!

We need your participation in the Placer County Local Hazard Mitigation Plan Update

Placer County is partnering with their incorporated communities and several special districts to develop a Local Hazard Mitigation Plan (LHMP) Update to their 2016 plan. The purpose of this LHMP Update is to assess community risk and vulnerability to identified hazards, implement actions to reduce future losses, and maintain eligibility for federal mitigation funds in accordance with the Disaster Mitigation Act of 2000.

What is Hazard Mitigation?

Hazard mitigation means any action taken to reduce or eliminate the long-term risk to human life and property from natural hazards.

Why is Natural Hazard Mitigation Important?

Most people who live or work in Placer County have been affected by natural hazards in one way or another. Placer County and its residents are vulnerable to a variety of hazards including floods, drought, wildfire, earthquake, and a variety of other severe weather events.

The rising costs associated with disaster response and recovery have focused the attention of federal, state, and local governments on addressing natural hazards before they occur. Obviously, torrential rains and floods cannot always be prevented from occurring. Planning for natural hazards and implementing mitigation measures, however, can reduce the impact of such events when they do occur. Emergency response and recovery costs; property damage; personal injury and loss of life; and the overall economic and social impact on the community can all be reduced, and in some instances eliminated through natural hazard mitigation.

Hazard Mitigation Plan and Plan Update Process

Utilizing a FEMA grant, Placer County is developing an update to their 2016 LHMP. This LHMP Update is being developed by a Hazard Mitigation Planning Committee comprised of representatives from the County, Cities, neighboring jurisdictions, federal, state, and local agency stakeholders, and the public.

The plan will address an updated list of hazards, will assess the likely impacts of these hazards to the people and assets of the Placer County Planning Area, and will also establish updated goals and prioritize projects to reduce the impacts of future disasters on people and property as well as to critical facilities and infrastructure.



Another benefit of mitigation planning is that it can also help lessen the cost of flood insurance to the residents of Placer County through FEMA's National Flood Insurance Program's (NFIP) Community Rating System.

National Flood Insurance Program's Community Rating System

The NFIP's Community Rating System (CRS) is a voluntary incentive program that recognizes and encourages community floodplain management activities that exceed the minimum NFIP requirements. As a result, flood insurance premium rates are discounted to reflect the reduced flood risk resulting from the community actions in meeting the goals of the CRS Program. The reduction in flood insurance premium rates is provided according to a community's CRS classification. Placer County is currently a CRS Class 5, which provides for a 25 percent discount on flood insurance to those located within the special flood hazard area (SFHA) and a 10 percent discount to those located in non-SFHA areas.


Opportunities for Input

Members of the community have a very important role in this process. Several planning team meetings will be held over the next eight months. A draft of the LHMP Update will be available Spring 2021 for review and comment by the public and all interested stakeholders on the County website and in select public libraries. Public meetings on the Draft Plan and final planning team meetings will also occur in early Summer 2021. All interested stakeholders and members of the public are encouraged to attend our planning team and public meetings.

For more information on this project and Zoom information for the upcoming meetings go to: <https://www.placer.ca.gov/1381/Local-Hazard-Mitigation-Plan> or contact the following individuals:

Rod Rodriguez	Jeanine Foster
Placer County Office of Emergency Services	Foster Morrison Consulting Ltd.
Phone: (530) 886-5316	Phone: (303) 717-7171
YRodrigu@placer.ca.gov	jeanine.foster@fostermorrison.com


Facebook Event outreach - February 3, 2021




WED, FEB 3 · 1:30 PM
Placer County Local Hazard Mitigation Plan -- Community Meeting
Online Event

Event Performance

Last 7 Days: Jan 26 - Feb 2

**People Reached**
4,451
+4,451 last 7 days

**Responses**
51
+51 last 7 days

**Track ticket sales**

Add Ticket Link

Placer County LHMP Update Website

COVID-19 RESPONSE
Public counter services limited
[Click here to learn more](#)

Stay up to date on the coronavirus and vaccine information in Placer County
[Click here to learn more](#)

Press **F11** to exit full screen

Emergency Preparedness
Fire Safe Alliance
Community Wildfire Protection Plan (CWPP)
Local Hazard Mitigation Plan
Supporting Agencies
Tree Mortality

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LOCAL HAZARD MITIGATION PLAN

FEMA defines **Hazard Mitigation** as any action taken to reduce or eliminate the long-term risk to human life and property from identified hazards of concern.

Placer County is partnering with its Cities, Towns, fire districts, and several special districts to update the 2016 Local Hazard Mitigation Plan (LHMP). Wildfire, flood, severe weather, drought, and earthquake are just a few of the hazards to Placer County. While natural hazards such as these cannot be prevented, an LHMP forms the foundation for a community's long-term strategy to reduce disaster losses by breaking the repeated cycle of disaster damage and reconstruction.

Communities with a FEMA-approved LHMP are eligible for FEMA pre- and post-disaster grant funding and are better positioned to respond and recover when disasters occur. Through the LHMP development process, Placer County can also assist in lowering the costs of flood insurance premiums to county residents through participation in the National Flood Insurance Program's (NFIP) Community Rating System (CRS).

Nationwide, taxpayers annually pay billions of dollars helping communities, organizations, businesses and individuals recover from disaster. Some disasters are predictable and, in many cases, damage can be reduced or eliminated through hazard mitigation planning. The Federal Emergency Management Agency (FEMA) has targeted natural disaster loss reduction as one of its primary goals. Under the Disaster Mitigation Act of 2000, local jurisdictions are required to have a FEMA-approved Local Hazard Mitigation Plan (LHMP) to better position resources in advance of a disaster and to maintain eligibility for certain disaster assistance and hazard mitigation funding programs.

Placer County 2021 Local Hazard Mitigation Plan Update

Placer County is kicking off the LHMP Update process with meetings in October 2020. The plan will address an updated list of hazards, will assess the likely impacts of these hazards to the people and assets of the Placer County planning area, and will also establish updated goals and prioritize projects to reduce the impacts of future disasters on people and property as well as to critical facilities and infrastructure.

Opportunities for Input

Members of the community have a very important role in this process. A draft of the 2021 LHMP Update will be available on this website in Spring 2021 for review and comment by the public and all interested stakeholders.

Planning Committee and public meetings will also be held as part of the plan development process. In addition to plan participation by Placer County departments, cities, towns, fire districts, special districts, state and federal agencies, the public, and other interested stakeholders are encouraged to attend and participate in either Planning Committee or public meetings. Information on specific meeting times and locations are detailed below.

You may also provide your input by participating in [this survey](#).

Select Language

Survey

INSERT WHEN COMPLETE

INSERT OTHERS

Public Comments Received and How Addressed **FILL OUT TABLE AT END OF PROCESS**

Comment Date	Person Commenting	Method Received			Comments	How addressed?
		Email	Phone	Written		

A.3 Placer County Step 3: Coordinate

This planning step credits coordinating with other agencies and key stakeholders and incorporating other plans and other agencies' efforts into the floodplain management plan or LHMP. Other agencies and organizations were contacted to determine if they have studies, plans and information pertinent to the floodplain management plan, to determine if their programs or initiatives may affect the community's program, inviting them to participate in the planning process, and otherwise asking them to support the community's efforts in this LHMP Update. Coordination efforts with these other agencies are documented in Table A-2 below.

Table A-2 List of Agencies and Key Stakeholders Coordinated with Through the 2021 LHMP Update Process

Agency Name/ Contact	Date	Mechanism	Contacted via Mail/email	Contacted via Phone	Contacted Face-to Face	Topics Discussed
CA DWR/Michael Gill	8/17/2020		X			Obtained NFIP Community Information System Data let him know the LHMP Update process was starting and inviting his input
California Dept of Conservation	11/6/2020	Website request	X	X		Williamson Act data
California Dept of Conservation	11/13/2020		X	X		Williamson Act data and other important farmland
Placer County Office of Realtors/Dean Anderson	12/1/2020		X			Sent Public Outreach Flyer to be distributed to 4200 realtors letting them know of the LHMP Update and how they can get involved.
CA DWR/Sami Nall	11/10/2020		X			Obtained input on DSOD dam data to support the LHMP process and inviting input to the process
National Weather Service/ Michelle Mead	12/7/2020		X			Checked in with NWS to determine any new data sources for weather to support the LHMP update

Agency Name/ Contact	Date	Mechanism	Contacted via Mail/email	Contacted via Phone	Contacted Face-to Face	Topics Discussed
Contractors Association of Tahoe Truckee/ Pat Davidson	12/18/2020		X			Sent Public Outreach Flyer to be distributed to 390 contractor companies letting them know of the LHMP Update and how they can get involved.
Placer Fire Safe Alliance Outreach/Bob Crawford, USFS	1/20/2021	Placer County Fire Safe Alliance Group Outreach from Luanna Dowling, Placer County Firewise Community Coordinator	X			Sent Public Outreach Flyer to inform the group members of the LHMP and inviting them to participate in the process
Placer Fire Safe Alliance Outreach/Carol Rutenbergs, USDA	1/20/2021	Placer County Fire Safe Alliance Group Outreach from Luanna Dowling, Placer County Firewise Community Coordinator	X			Sent Public Outreach Flyer to inform the group members of the LHMP and inviting them to participate in the process
Placer Fire Safe Alliance Outreach/Elias Grant, Placer Land and Trust Organization	1/20/2021	Placer County Fire Safe Alliance Group Outreach from Luanna Dowling, Placer County Firewise Community Coordinator	X			Sent Public Outreach Flyer to inform the group members of the LHMP and inviting them to participate in the process
Placer Fire Safe Alliance Outreach/Eric Sweet, Sierra Pacific Industries	1/20/2021	Placer County Fire Safe Alliance Group Outreach from Luanna Dowling, Placer County Firewise Community Coordinator	X			Sent Public Outreach Flyer to inform the group members of the LHMP and inviting them to participate in the process

Agency Name/ Contact	Date	Mechanism	Contacted via Mail/email	Contacted via Phone	Contacted Face-to Face	Topics Discussed
Placer Fire Safe Alliance Outreach/Gary Kirk, Sebastian Corp	1/20/2021	Placer County Fire Safe Alliance Group Outreach from Luanna Dowling, Placer County Firewise Community Coordinator	X			Sent Public Outreach Flyer to inform the group members of the LHMP and inviting them to participate in the process
Placer Fire Safe Alliance Outreach/George Morris III, Cal Fire	1/20/2021	Placer County Fire Safe Alliance Group Outreach from Luanna Dowling, Placer County Firewise Community Coordinator	X			Sent Public Outreach Flyer to inform the group members of the LHMP and inviting them to participate in the process
Placer Fire Safe Alliance Outreach/Cynthia Hayes, PG&E	1/20/2021	Placer County Fire Safe Alliance Group Outreach from Luanna Dowling, Placer County Firewise Community Coordinator	X			Sent Public Outreach Flyer to inform the group members of the LHMP and inviting them to participate in the process
Placer Fire Safe Alliance Outreach/Jeff Wood, Bender Insurance Company	1/20/2021	Placer County Fire Safe Alliance Group Outreach from Luanna Dowling, Placer County Firewise Community Coordinator	X			Sent Public Outreach Flyer to inform the group members of the LHMP and inviting them to participate in the process
Placer Fire Safe Alliance Outreach/Jennifer Johnson, USDA	1/20/2021	Placer County Fire Safe Alliance Group Outreach from Luanna Dowling, Placer County Firewise Community Coordinator	X			Sent Public Outreach Flyer to inform the group members of the LHMP and inviting them to participate in the process

Agency Name/ Contact	Date	Mechanism	Contacted via Mail/email	Contacted via Phone	Contacted Face-to Face	Topics Discussed
Placer Fire Safe Alliance Outreach/Jerry Martinez, BLM	1/20/2021	Placer County Fire Safe Alliance Group Outreach from Luanna Dowling, Placer County Firewise Community Coordinator	X			Sent Public Outreach Flyer to inform the group members of the LHMP and inviting them to participate in the process
Placer Fire Safe Alliance Outreach/John Hutchings, US Bureau of Reclamation	1/20/2021	Placer County Fire Safe Alliance Group Outreach from Luanna Dowling, Placer County Firewise Community Coordinator	X			Sent Public Outreach Flyer to inform the group members of the LHMP and inviting them to participate in the process
Placer Fire Safe Alliance Outreach/John Mohoff, Cal Fire	1/20/2021	Placer County Fire Safe Alliance Group Outreach from Luanna Dowling, Placer County Firewise Community Coordinator	X			Sent Public Outreach Flyer to inform the group members of the LHMP and inviting them to participate in the process
Placer Fire Safe Alliance Outreach/John Hotchkiss, Cal Fire	1/20/2021	Placer County Fire Safe Alliance Group Outreach from Luanna Dowling, Placer County Firewise Community Coordinator	X			Sent Public Outreach Flyer to inform the group members of the LHMP and inviting them to participate in the process
Placer Fire Safe Alliance Outreach/Julie Martin, BLM	1/20/2021	Placer County Fire Safe Alliance Group Outreach from Luanna Dowling, Placer County Firewise Community Coordinator	X			Sent Public Outreach Flyer to inform the group members of the LHMP and inviting them to participate in the process

Agency Name/ Contact	Date	Mechanism	Contacted via Mail/email	Contacted via Phone	Contacted Face-to Face	Topics Discussed
Placer Fire Safe Alliance Outreach/Jesse Knox, USFS	1/20/2021	Placer County Fire Safe Alliance Group Outreach from Luanna Dowling, Placer County Firewise Community Coordinator	X			Sent Public Outreach Flyer to inform the group members of the LHMP and inviting them to participate in the process
Placer Fire Safe Alliance Outreach/Adam Leyba, USFS	1/20/2021	Placer County Fire Safe Alliance Group Outreach from Luanna Dowling, Placer County Firewise Community Coordinator	X			Sent Public Outreach Flyer to inform the group members of the LHMP and inviting them to participate in the process
Placer Fire Safe Alliance Outreach/Lynn Tomachoff, Cal Fire	1/20/2021	Placer County Fire Safe Alliance Group Outreach from Luanna Dowling, Placer County Firewise Community Coordinator	X			Sent Public Outreach Flyer to inform the group members of the LHMP and inviting them to participate in the process
Placer Fire Safe Alliance Outreach/Mary Beth Farley, Union Pacific Railroad	1/20/2021	Placer County Fire Safe Alliance Group Outreach from Luanna Dowling, Placer County Firewise Community Coordinator	X			Sent Public Outreach Flyer to inform the group members of the LHMP and inviting them to participate in the process
Placer Fire Safe Alliance Outreach/Matthew Moore, Auburn Rancheria	1/20/2021	Placer County Fire Safe Alliance Group Outreach from Luanna Dowling, Placer County Firewise Community Coordinator	X			Sent Public Outreach Flyer to inform the group members of the LHMP and inviting them to participate in the process

Agency Name/ Contact	Date	Mechanism	Contacted via Mail/email	Contacted via Phone	Contacted Face-to Face	Topics Discussed
Placer Fire Safe Alliance Outreach/Michael Woodbridge, USDA	1/20/2021	Placer County Fire Safe Alliance Group Outreach from Luanna Dowling, Placer County Firewise Community Coordinator	X			Sent Public Outreach Flyer to inform the group members of the LHMP and inviting them to participate in the process
27 contacts above this line						

CA DWR/Michael Gill

From: Gill, Michael@DWR <Michael.Gill@water.ca.gov>

Sent: Wednesday, October 28, 2020 2:06 PM

To: Jeanine Foster <jeanine.foster@fostermorrison.com>

Subject: RE: NFIP community data request

Hi Jeanine,

I have attached the CIS information of the nine communities that were requested below. If you need anything else please let me know.

Thank You,

Michael Gill

Engineer, Water Resources

Community Assistance Section

Office of Floodplain Management

Division of Flood Management

CA Dept. of Water Resources

Office: 916-574-1471

Mobile: 916-261-2582

California Dept of Conservation

Good Morning,

Your request for Williamson Act data was forwarded to me.

Due to the lack of city and county reported enrollment data, the Department of Conservation does not host Williamson Act enrollment maps and/or data. For the most current and up to date information on the status of Williamson Act contracted parcels the Department suggests that interested parties contact the city or county in which the property resides. As you know the Williamson Act allows local landowners to enter into contracts with cities and/or counties, and as such, the participating city/county must retain a copy of each contract and therefore should have a record of each contracted parcel within its jurisdiction.

Sincerely,



Farl Grundy

Associate Environmental Planner
Division of Land Resource Protection
Williamson Act / CEQA

California Department of Conservation

801 K Street, MS 14-15, Sacramento, CA 95814

T: (916) 324-7347

E: Farl.Grundy@conservation.ca.gov



California Dept of Conservation

From: Kisko, Kerri@DOC <Kerri.S.Kisko@conservation.ca.gov>
Sent: Friday, November 13, 2020 5:45 PM
To: Chris Morrison <chris.morrison@fostermorrison.com>
Subject: RE: Release of documents

Chris,

I have finished updating all the documents for Placer (2016), Sacramento (2018), Sutter (2018), and Yuba (2018). I have not had time to update the links on the website yet, but I didn't want you to have to wait until next week.

I have attached the documents that meet the Accessibility Standards for publishing. These include: Prime & Statewide Soils Lists (Sacramento_gSSURGO.pdf, Sutter_gSSURGO.pdf, and Yuba_gSSURGO.pdf); Land Use Summary Tables (SAC_1988_2018.xlsx, SUT_1988_2018.xlsx, and YUB_1988_2018.xlsx); and Alternate Conversion Tables (Alternate_Sacramento_County_2016-2018_Land_Use_Conversion.pdf, Alternate_Sutter_County_2016-2018_Land_Use_Conversion.pdf, and Alternate_Yuba_County_2016-2018_land_Use_Conversion.pdf).

Several of our documents are not currently ADA compliant for the web due to time constraints and/or complexity. These documents are available through our File Request System. I have included the links to these documents below:

Placer County 2016:

(Placer 2014-2016 Conversion Table) placon16.xls:

<https://filerequest.conservation.ca.gov/RequestFile/2817629>

(Placer Prime & Statewide Soils List) Placer_gSSURGO.pdf:

<https://filerequest.conservation.ca.gov/RequestFile/2817748>

(Placer Land Use Summary Table) PLA_1984_2016.xls:

<https://filerequest.conservation.ca.gov/RequestFile/2817823>

(Placer 2016 PDF Map) Pla16.pdf:

<https://filerequest.conservation.ca.gov/RequestFile/2816267>

Placer County Important Farmland Metadata.docx:

<https://filerequest.conservation.ca.gov/RequestFile/2816268>

Sacramento County 2018:

(Sacramento 2016-2018 Conversion Table) saccon18.xlsx:

<https://filerequest.conservation.ca.gov/RequestFile/2817662>

(Sacramento 2018 PDF Map) sac18.pdf:

<https://filerequest.conservation.ca.gov/RequestFile/2816273>

Sacramento County Important Farmland Metadata.docx:

<https://filerequest.conservation.ca.gov/RequestFile/2816274>

Sutter County 2018:

(Sutter 2016-2018 Conversion Table) sutcon18.xlsx:

<https://filerequest.conservation.ca.gov/RequestFile/2817671>

(Sutter 2018 PDF Map) sut18.pdf:

<https://filerequest.conservation.ca.gov/RequestFile/2816308>

Sutter County Important Farmland Metadata.docx:

<https://filerequest.conservation.ca.gov/RequestFile/2816309>

Placer County Office of Realtors/Dean Anderson

Phone Conversation Log

Project: Placer LHMP		Date: 12/1/20
Contact Name	Dean Anderson	
Contact Organization	Placer County Office of Realtors	
Contact Phone #	dean@pcaor.com	
Subject	Placer County LHMP Update	

Items Discussed
Sent Public Outreach Flyer discussing LHMP to Dean. Dean forwarded to his group of approximately 4200 professionals. Wanted them to be aware of the LHMP Update process and that we would like their input and participation.

Follow-up		
By	Name: Mary Keller	Organization: Placer County Floodplain Manager

CA DWR/Sami Nall

Email Log

Project: Placer County 2021 LHMP Update		Date: 11/10/20
Contact Name	Sami Nall, Sr. Engineer	
Contact Organization	CA DWR, Office of Floodplain Management	
Contact Email	Sami.Nall@water.ca.gov	
Subject	DSOD Dam Data: Hazard Classifications and Inundation Data	

Items Discussed
Reached out to Sami Nall at CA DWR to find out what source should be the most current for determining Hazard
Classifications and inundation data for dams, as different sources reported different data even within the CA DWR
DSOD. Sami indicated that both an annual document and the DSOD viewer should be current, but that the viewer
Should take precedent.

Follow-up		
By	Name:	Organization
	Jeanine Foster	Foster Morrison

From: Nall, Sami@DWR <Sami.Nall@water.ca.gov>
Sent: Tuesday, November 10, 2020 8:53 AM
To: Jeanine Foster <jeanine.foster@fostermorrison.com>
Subject: RE: California DWR, DSOD data

Hi Jeanine, Let me ask DSOD about this as I would think the viewer would be more current. However there is an updated document (dated 2019) at this link: https://water.ca.gov/-/media/DWR-Website/Web-Pages/Programs/All-Programs/Division-of-Safety-of-Dams/Files/Publications/2019-Dams-Within-Jurisdiction-of-the-State-of-California-Alphabetically-by-County_a_y20.pdf.

I believe DSOD publishes an updated list every year. However, it may be taking longer to publish it because of accessibility rules. I'll also check to see if an updated list will be published in 2020.

Thanks,
Sami

Sami Nall, P. E.

Senior Engineer, Office of Floodplain Management
[Department of Water Resources](#)
3464 El Camino Avenue, Suite 200
Sacramento, CA 95821
Office: 916.574.1432
Email: Sami.Nall@water.ca.gov

National Weather Service/ Michelle Mead

Email Log

Project: Placer County 2021 LHMP Update		Date: 12/7/20
Contact Name	Michelle Mead, Meteorologist in Charge	
Contact Organization	National Weather Service, WFO Sacramento	
Contact Email	michelle.mead@NOAA.gov	
Subject	Weather Data and Available Weather Stations	

Items Discussed	
Reached out to Michelle to determine where to go for better/updated weather data as some of the weather stations have limited data and some have stopped keeping data altogether. We try to find the stations that have the most data for the longest period of record (POR). Michelle suggested looking at: XMACIS: https://xmacis.rcc-acis.org/ - a site that has a lot of climate information.	

Follow-up		
By	Name:	Organization
	Jeanine Foster	Foster Morrison

From: Michelle Mead - NOAA Federal <michelle.mead@noaa.gov>
Sent: Monday, December 7, 2020 11:39 AM
To: Jeanine Foster <jeanine.foster@fostermorrison.com>
Subject: Re: California Weather Data

Good morning Jeanine~

XMACIS: <https://xmacis.rcc-acis.org/> is a site that has a lot of climate information you may also find useful. It's not the most user friendly, but does give you access to all historical climatological data. The Marysville AP data on this site is up to date. I added the max temps for Marysville over the past 20 years as an example.

I have been getting these hazard mitigation emails, but have not been able to attend.

Sincerely,
Michelle



Michelle Mead
Meteorologist in Charge (MIC)
National Weather Service
WFO Sacramento
3310 El Camino Ave. Suite 228 95821-6373
Office: (916) 979-3041 x222
Cell: (406) 370-8882

Contractors Association of Tahoe Truckee/ Pat Davidson

Phone Conversation Log

Project: Placer LHMP		Date: 12/18/20
Contact Name	Pat Davidson	
Contact Organization	Contractors Association of Tahoe-Truckee	
Contact Phone #	pat@ca-tt.com	
Subject	Placer County LHMP Update	

[illegible]

Follow-up		
By	Name: Mary Keller	Organization: Placer County Stormwater and Floodplain Programs

Placer Fire Safe Alliance Outreach/Bob Crawford, USFS

From: Luana Dowling <dowlingluana@gmail.com>

Sent: Wednesday, January 20, 2021 12:03 PM

To: Alex harvey <harveyalex74@yahoo.com>; Allison Erny <allison@placerrcd.org>; Angel Green <AGreen@placer.ca.gov>; Angel Hertslet <angel.hertslet@TNC.ORG>; Ann Hobbs <AHobbs@placer.ca.gov>; Anton <vettemanace62@gmail.com>; Bekki Riggan <BRiggan@placer.ca.gov>; Beryl Smith <beryls@pacbell.net>; Beverly Roberts <BRoberts@placer.ca.gov>; Bill Steward <billsteward@truckeeffire.org>; bill.george@mail.house.gov; Bob Bena <rbena@sbcglobal.net>; Bob Snyder <snyder@jps.net>; Brett Storey <BStorey@placer.ca.gov>; Brian Crawford <bbcrawford@fs.fed.us>; carol.rutenbergs <carol.rutenbergs@ca.usda.gov>; Chris Dallas <Chris.Dallas@sierranevada.ca.gov>; Chris Paulus <CDFBAT2313@gmail.com>; Christine.Rydell@sen.ca.gov; Crystal Jacobsen <CJacobse@placer.ca.gov>; Daniel Berlant <dberlant@auburn.ca.gov>; Dave Spencer <dspencer@auburn.ca.gov>; Diane Scanlon <dianescanlon@mac.com>; Don Adams <windrimm@yahoo.com>; Dyer, Elizabeth <elizabethdyer@usbr.gov>; Eldridge, Mary@CALFIRE <mary.eldridge@fire.ca.gov>; elias.grant@Placerlandtrust.org; Elsa Hucks <Elsa.Hucks@fire.ca.gov>; Eric Horntvedt <horntvedt@ntfire.net>; Eric Sweet <esweet@spi-ind.com>; Frank J. Udvarhely <udvarhely@live.com>; fschafer@nltfpd.net; Gary Kirk <gkirk@sebastiancorp.net>; George Alves <galves.pcs@earthlink.net>; George.morrisIII@fire.ca.gov; Haynes, Cynthia <CLH3@pge.com>; Holland, Erin <holland@ntfire.net>; Holly Powers <HPowers@placer.ca.gov>; Jane LaBoa <nscsf@mcn.org>; Jeanine Foster <jeanine.foster@fostermorrison.com>; Jeff Mikles <jlmikles@gmail.com>; Jeffrey Wood <jwood@wgbender.com>; Jennifer Leighty <Leightylady@gmail.com>; Jenny Johnson <jennifer.johnson@ca.usda.gov>; Jerry Martinez <jerry_martinez@blm.gov>; John Hutchings <jhutchings@usbr.gov>; John Mohoff <John.Mohoff@fire.ca.gov>; john.hotchkiss@fire.ca.gov; Judy McKeig <JMcKeig@placer.ca.gov>; Julie Martin <j2martin@blm.gov>; Karen Calvert <kcalvert389@gmail.com>; karina silvas-Bellanca <karina.bellanca@gmail.com>; Kathie Remaley <windrose45@hotmail.com>; Kathryn Baxter <keblkb@gmail.com>; Kathy's laptop <istahap@jps.net>; Katie Espnola <Katie@placercountyrca.org>; Katrina Hoop <khoop@southplacerrcd.org>; Kelly Reynolds <ksreynolds9@att.net>; Kevin Hanley <hanleykh@jps.net>; Knox, Jesse -FS <jknox02@fs.fed.us>; laurainebacon@gmail.com; Leyba, Adam -FS <aleyba@fs.fed.us>; Luana Dowling <dowlingluana@gmail.com>; Lynne Tolmachoff <lynne.tolmachoff@fire.ca.gov>; Maddison Easley <Maddison@placercountyrca.org>; Mark D'Ambrogio <markc1200@outlook.com>; Mark Von Thaden <mark@weredancing.com>; MaryBeth Farley <mfarley@up.com>; Matthew Moore <mmoore@auburnrancheria.com>; Michael Brown <mbrown@nltfpd.net>; Michael Garabedian <michaelgarabedian@earthlink.net>; Michael Woodbridge <Michael.woodbridge@usda.gov>; Sarah Jones <sarah@placerrcd.org>; Terri Shawn Batsel Henry <hbatsel@gmail.com>

Subject: Placer County Local Hazard Mitigation Plan Public Participation

Hi All,

Placer County is looking for interest to participate in the Hazard Mitigation Planning Committee meetings and provide inputs/feedback on the process and the draft Local Hazard Mitigation Plan when completed. Interest public members can contact Young (Rod) Rodriguez or Jeanine Foster listed at the bottom of the flyer if there is any questions. Thank you.

Cheers,

Luana R Dowling

Placer Firewise Communities Coordinator

dowlingluana@gmail.com

Placer Fire Safe Alliance Outreach/Carol Rutenbergs, USDA

See email image above.

Placer Fire Safe Alliance Outreach/Elias Grant, Placer Land and Trust Organization

See email image above.

Placer Fire Safe Alliance Outreach/Eric Sweet, Sierra Pacific Industries

See email image above.

Placer Fire Safe Alliance Outreach/Gary Kirk, Sebastian Corp

See email image above.

Placer Fire Safe Alliance Outreach/George Morris III, Cal Fire

See email image above.

Placer Fire Safe Alliance Outreach/Cynthia Hayes, PG&E

See email image above.

Placer Fire Safe Alliance Outreach/Jeff Wood, Bender Insurance Company

See email image above.

Placer Fire Safe Alliance Outreach/Jennifer Johnson, USDA

See email image above.

Placer Fire Safe Alliance Outreach/Jerry Martinez, BLM

See email image above.

Placer Fire Safe Alliance Outreach/John Hutchings, US Bureau of Reclamation

See email image above.

Placer Fire Safe Alliance Outreach/John Mohoff, Cal Fire

See email image above.

Placer Fire Safe Alliance Outreach/John Hotchkiss, Cal Fire

See email image above.

Placer Fire Safe Alliance Outreach/Julie Martin, BLM

See email image above.

Placer Fire Safe Alliance Outreach/Jesse Knox, USFS

See email image above.

Placer Fire Safe Alliance Outreach/Adam Leyba, USFS

See email image above.

Placer Fire Safe Alliance Outreach/Lynn Tomachoff, Cal Fire

See email image above.

Placer Fire Safe Alliance Outreach/Mary Beth Farley, Union Pacific Railroad

See email image above.

Placer Fire Safe Alliance Outreach/Matthew Moore, Auburn Rancheria

See email image above.

Placer Fire Safe Alliance Outreach/Michael Woodbridge, USDA

See email image above.

A.4 Meeting Handouts

Below are the handouts for each meeting held during the planning process for this Plan Update.

A.4.1. Kickoff Meeting Handouts

Placer County Hazard Identification and Profiles –2021

Disaster Declarations and National Weather Service Research

Placer County – Disaster Declarations 1950-2020

Year	Disaster Name	Disaster Type	Disaster Cause	Disaster #	State Declaration #	Federal Declaration #
2020	Covid-19	Pandemic	Pandemic	DR-4482	3/4/2020	1/20/2020
2020	Covid-19	Pandemic	Pandemic	EM-3428	3/4/2020	1/20/2020

Year	Disaster Name	Disaster Type	Disaster Cause	Disaster #	State Declaration #	Federal Declaration #
2017	California Severe Winter Storms, Flooding, And Mudslides	Flood	Storms	DR-4305	2/10/2017	3/16/2017
2014	King Fire	Wildfire	Wildfire	FM-5081	–	9/17/2014
2014	Applegate Fire	Wildfire	Wildfire	FM-5082	–	10/8/2014
2014	California Drought	Drought	Drought	GP 2014-13	1/17/2014	–
2010	Galleria Incident	Wildfire	Wildfire	GP 2010-12	10/22/2010	–
2009	49er Fire	Wildfire	Wildfire	FM-2832	–	8/31/2009
2008	Gladding Fire	Wildfire	Wildfire	FM-2786	–	9/1/2008
2008	2008 January Storms	Flood	Storms	GP 2008-01	1/5/2008	–
2006	2006 June Storms	Flood	Storms	DR-1646	–	6/5/2006
2005/2006	2005/06 Winter Storms	Flood	Storms	DR-1628	–	2/3/2006
2005	Hurricane Katrina Evacuations	Economic	Hurricane	EM-3248 2005	–	9/13/2005
2004	Stevens Fire	Wildfire	Wildfire	FM-2541	–	8/8/2004
2002	Sierra Fire	Wildfire	Wildfire	FM-2463	–	9/19/2002
2001	Energy Emergency	Economic	Greed	GP 2001	1/1/2001	–
1997	1997 January Floods	Flood	Storms	DR-1155	1/2/97-1/31/97	1/4/1997
1995	1995 Late Winter Storms	Flood	Storms	DR-1046	Proclaimed	1/10/1995
1995	1995 Severe Winter Storms	Flood	Storms	DR-1044	1/6/95-3/14/95	1/13/1995
1987	1987 Wildland Fires	Wildfire	Wildfire	GP	9/3/1987 9/10/1987	–
1986	1986 Storms	Flood	Storms	DR-758	2/18-86-3/12/86	2/18/1986
1983	Winter Storms	Flood	Flood	DR-677	12/8/82-3/21/83	2/9/1983
1980	1980 April Storms	Flood	Storms	80-01 – 80-25	4/1/1980	–
1977	1977 Drought	Drought	Drought	EM-3023	–	1/20/1977

Year	Disaster Name	Disaster Type	Disaster Cause	Disaster #	State Declaration #	Federal Declaration #
1973	Southern Pacific Railroad Fires and Explosions (Roseville)	Fire	Explosion	–	4/30/1973	–
1973	1973 Floods and Storms	Flood	Storms	–	2/28/1973	–
1972	1972 Freeze	Freeze	Freeze	–	4/17/1972 5/22/1972 5/31/1972	–
1969	1969 Storms	Flood	Storms	DR-253	1/23/69- 3/12/69	1/26/1969
1965	1965 Fires	Wildfire	Wildfire	–	9/18/1965	–
1964	1964 Late Winter Storms	Flood	Storms	DR-183	–	12/24/1964
1963	1963 Floods	Flood	Storms	–	2/14/1964	–
1962	1962 Floods and Rains	Flood	Storms	–	10/17/1962 10/25/1962 10/30/1962 11/4/1962	10/24/1962
1961	1961 Widespread Fires	Wildfire	Wildfire	–	9/18/1961	–
1958	1958 April Storms and Floods	Flood	Storms	DR-52	4/5/1958	4/4/1958
1958	1958 February Storms and Floods	Flood	Storms	CDO 58-03	2/26/1958	–
1955	1955 Floods	Flood	Flood	DR-47	12/22/1955	12/23/1955
1950	1950 Floods	Flood	Flood	OCD 50-01	11/21/1950	–

Source: FEMA, Cal OES

Placer County Disaster Declaration Summary Table by Hazard Type 1950-2020

Disaster Type	State Declarations		Federal Declarations	
	Count	Years	Count	Years
Drought	1	2014	1	1977
Economic	1	2001	0	
Flood (including heavy rains and storms)	16	1950, 1955, 1958 (twice), 1962, 1963, 1969, 1973, 1980, 1983, 1986, 1995 (twice), 1997, 2008, 2017	13	1955, 1958, 1962, 1964, 1969, 1983, 1986, 1995 (twice), 1997, 2006 (twice), 2017
Freeze	1	1972	0	—
Hurricane	0	—	1	2005
Pandemic	1	2020	1	2020
Fire	5	1961, 1965, 1973, 1987, 2010	6	2002, 2004, 2008, 2009, 2014 (twice)
Totals	25	—	22	—

Source: FEMA, Cal OES

Disasters since 2016 Plan

- 2017 Flood (state and federal)
- 2020 Pandemic (2 state and 2 federal)

NCDC Severe Weather Events for Placer County 1950-7/31/2020*

Event Type	Number of Events	Deaths	Injuries	Property Damage	Crop Damage	Deaths (indirect)	Injuries (indirect)
Avalanche	15	6	12	\$0	\$0	0	0
Blizzard	4	0	0	\$30,000	\$0	0	1
Cold/Wind Chill	19	1	0	\$0	\$0	2	8
Debris Flows	6	0	0	\$8,000	\$0	0	0
Dense Fog	11	6	38	\$2,120,000	\$0	0	1
Dense Smoke	1	0	0	\$0	\$0	0	0
Drought	44	0	0	\$0	\$0	0	0
Excessive Heat	5	6	1	\$0	\$0	0	2
Extreme Cold/Wind Chill	1	0	0	\$0	\$0	0	0
Flash Flood	6	0	0	\$150,000	\$0	0	0
Flood	33	2	1	\$12,370,000	\$7,800,000	0	0
Frost/Freeze	9	0	0	\$200,000	\$5,000,000	0	0
Funnel Cloud	2	0	0	\$0	\$0	0	0
Hail	9	0	0	\$1,000	\$0	0	0

Event Type	Number of Events	Deaths	Injuries	Property Damage	Crop Damage	Deaths (indirect)	Injuries (indirect)
Heat	27	0	3	\$0	\$0	1	1
Heavy Rain	59	2	0	\$10,000	\$0	0	0
Heavy Snow	633	2	6	\$1,675,000	\$0	1	3
High Surf	1	0	0	\$0	\$0	0	0
High Wind	150	0	1	\$12,371,000	\$48,000	0	0
Landslide	1	0	0	\$0	\$0	0	0
Strong Wind	34	1	2	\$2,599,600	\$0	0	0
Thunderstorm Wind	4	0	0	\$20,000	\$0	0	0
Tornado	5	0	0	\$252,530	\$0	0	0
Waterspout	1	0	0	\$0	\$0	0	0
Wildfire	22	3	22	\$500,525,000	\$0	21	0
Winter Storm	154	2	3	\$265,000	\$0	1	1
Winter Weather	93	4	0	\$10,000	\$0	0	2
Total	1,349	35	89	\$532,607,130	\$12,848,000	26	19

Source: NCDC

*Note: Losses reflect totals for all impacted areas

**Due to the regional nature of reporting certain hazard events, these hazards are included in the NCDC database for Placer County

Placer County Hazards Comparison Summary

2016 Placer County Plan	Placer County General Plan Safety Element	2018 State of California Plan Applicable Hazards	Proposed 2021 Hazards
Agricultural Hazards	–	Agriculture Pests and Diseases	<i>(Incorporated into other hazards)</i>
Avalanche	Avalanche Hazards	Avalanche	Avalanche
–	–	Climate Change	Climate Change
Dam Failure	Flood Hazards	Dam Failure	Dam Failure
Drought and Water Shortage	–	Droughts and Water Shortage	Drought and Water Shortage
Earthquake	Seismic and Geological Hazards	Earthquake	Earthquake
Flood: 100/500 year	Flood Hazards	Flood	Flood: 1%/0.2% annual chance
Flood: Localized Stormwater Flooding	Flood Hazards	Flood	Flood: Localized Stormwater Flooding
Hazardous Materials Transport	Hazardous Materials	Hazardous Materials Release/Oil Spills	<i>(Not a natural hazard/ covered in other planning mechanisms)</i>
Landslides and Debris Flows	Seismic and Geological Hazards	Landslide	Landslides, Mudslides, and Debris Flows
Levee Failure	Flood Hazards	Levee Failure	Levee Failure
–	–	Epidemic/Pandemic/Vector Borne Disease Hazards	Pandemic
Seiche	–	–	Seiche
Severe Weather: Extreme Heat	–	Extreme Heat	Severe Weather: Extreme Heat
Severe Weather: Freeze and Snow	–	Freeze	Severe Weather: Freeze and Snow
Severe Weather: Fog (2016-Low)	–	–	<i>(Incorporated into other hazards)</i>
Severe Weather: Heavy Rains and Storms (Thunderstorms/Hail, Lightning/Wind)	–	Severe Weather and Storms	Severe Weather: Heavy Rains and Storms (Thunderstorms/Hail, Lightning)
Severe Weather: Tornadoes	–	–	Severe Weather: High Winds and Tornadoes
Soil Bank Erosion (2016-Low)	–	–	<i>(Incorporated into other hazards)</i>
Subsidence (2016-Low)	Seismic and Geological Hazards	–	<i>(Incorporated into other hazards)</i>
Wildfire	Fire Hazards	Wildfire	Wildfire

Placer County Hazard Identification 2021

Hazard	Geographic Extent	Likelihood of Future Occurrences	Magnitude/Severity	Significance	Climate Change Influence
Avalanche					Medium
Climate Change					–
Dam Failure					Medium
Drought & Water Shortage					High
Earthquake					Low
Floods: 1%/0.2% annual chance					Medium
Floods: Localized Stormwater					Medium
Landslides, Mudslides, and Debris Flows					Medium
Levee Failure					Medium
Pandemic					Medium
Seiche					Medium
Severe Weather: Extreme Heat					High
Severe Weather: Freeze and Snow					Medium
Severe Weather: Heavy Rains and Storms (Hail, Lightning)					Medium
Severe Weather: High Winds and Tornadoes					Low
Wildfire					High
Geographic Extent		Magnitude/Severity			
Limited: Less than 10% of planning area		Catastrophic—More than 50 percent of property severely damaged; shutdown of facilities for more than 30 days; and/or multiple deaths			
Significant: 10-50% of planning area		Critical—25-50 percent of property severely damaged; shutdown of facilities for at least two weeks; and/or injuries and/or illnesses result in permanent disability			
Extensive: 50-100% of planning area		Limited—10-25 percent of property severely damaged; shutdown of facilities for more than a week; and/or injuries/illnesses treatable do not result in permanent disability			
Likelihood of Future Occurrences		Negligible—Less than 10 percent of property severely damaged, shutdown of facilities and services for less than 24 hours; and/or injuries/illnesses treatable with first aid			
Highly Likely: Near 100% chance of occurrence in next year, or happens every year.		Significance			
Likely: Between 10 and 100% chance of occurrence in next year, or has a recurrence interval of 10 years or less.		Low: minimal potential impact			
Occasional: Between 1 and 10% chance of occurrence in the next year, or has a recurrence interval of 11 to 100 years.		Medium: moderate potential impact			
Unlikely: Less than 1% chance of occurrence in next 100 years, or has a recurrence interval of greater than every 100 years.		High: widespread potential impact			
		Climate Change Influence			
		Low: minimal potential impact			
		Medium: moderate potential impact			
		High: widespread potential impact			

HISTORIC HAZARD EVENTS WORKSHEET

Please fill out one sheet for each significant hazard event with as much detail as possible. Attach supporting documentation, photocopies of newspaper articles, or other original sources.

Type of event		
Nature and magnitude of event		
Location		
Date of event		
Injuries		
Deaths		
Property damage		
Infrastructure damage		
Crop damage		
Business/economic impacts		
Road/school/other closures		
Other damage		
Insured losses		
Federal/state disaster relief funding		
Opinion on likelihood of occurring again		
Source of information		
Comments		
	Please return worksheets by mail, email, or fax to:	
Prepared by:	Jeanine Foster, Foster Morrison	
Phone:	10298 Boulder Ridge Dr	
Email:	Peyton, CO 80831	
Date:	fax: (720) 893-0863	
	email: jeanine.foster@fostermorrison.com	

A.4.2. Risk Assessment Meeting Handouts

Hazard Identification & Profiles: Placer County

Hazard	Geographic Extent	Likelihood of Future Occurrences	Magnitude/Severity	Significance	Climate Change Influence
Agricultural Hazards	Significant	Highly Likely	Critical	Medium	Medium
Avalanche	Limited	Likely	Limited	Low	Medium
Climate Change	Extensive	Likely	Limited	Medium	–
Dam Failure	Significant	Occasional	Critical	High	Medium
Drought & Water Shortage	Extensive	Likely	Critical	High	High
Earthquake	Significant	Occasional	Critical	Medium	Low
Floods: 1%/0.2% annual chance	Limited	Occasional	Critical	High	Medium
Floods: Localized Stormwater	Limited	Highly Likely	Limited	Medium	Medium
Landslides, Mudslides, and Debris Flows	Limited	Occasional	Limited	Low	Medium
Levee Failure	Limited	Unlikely	Limited	Low	Medium
Pandemic	Extensive	Likely	Catastrophic	Medium	Medium
Seiche	Limited	Unlikely	Limited	High	Medium
Severe Weather: Extreme Heat	Extensive	Highly Likely	Limited	Medium	High
Severe Weather: Freeze and Snow	Extensive	Highly Likely	Critical	Medium	Medium
Severe Weather: Heavy Rains and Storms	Extensive	Occasional	Limited	Medium	Medium
Severe Weather: High Winds and Tornadoes	Extensive	Highly Likely	Critical	High	Low
Tree Mortality	Extensive	Likely	Limited	High	High
Wildfire	Extensive	Highly Likely	Critical	High	High
<p>Geographic Extent Limited: Less than 10% of planning area Significant: 10-50% of planning area Extensive: 50-100% of planning area</p> <p>Likelihood of Future Occurrences Highly Likely: Near 100% chance of occurrence in next year, or happens every year. Likely: Between 10 and 100% chance of occurrence in next year, or has a recurrence interval of 10 years or less. Occasional: Between 1 and 10% chance of occurrence in the next year, or has a recurrence interval of 11 to 100 years. Unlikely: Less than 1% chance of occurrence in next 100 years, or has a recurrence interval of greater than every 100 years.</p> <p>Magnitude/Severity Catastrophic—More than 50 percent of property severely damaged; shutdown of facilities for more than 30 days; and/or multiple deaths Critical—25-50 percent of property severely damaged; shutdown of facilities for at least two weeks; and/or injuries and/or illnesses result in permanent disability Limited—10-25 percent of property severely damaged; shutdown of facilities for more than a week; and/or injuries/illnesses treatable do not result in permanent disability Negligible—Less than 10 percent of property severely damaged, shutdown of facilities and services for less than 24 hours; and/or injuries/illnesses treatable with first aid</p> <p>Significance Low: minimal potential impact Medium: moderate potential impact High: widespread potential impact</p> <p>Climate Change Influence Low: minimal potential impact Medium: moderate potential impact High: widespread potential impact</p>					

Risk Assessment Methodology

Calculating Likelihood of Future Occurrence

The frequency of past events is used in this section to gauge the likelihood of future occurrences. Based on historical data, the likelihood of future occurrence is categorized into one of the following classifications:

- **Highly Likely:** Near 100% chance of occurrence in next year, or happens every year.
- **Likely:** Between 10 and 100% chance of occurrence in next year, or has a recurrence interval of 10 years or less.
- **Occasional:** Between 1 and 10% chance of occurrence in the next year, or has a recurrence interval of 11 to 100 years.
- **Unlikely:** Less than 1% chance of occurrence in next 100 years, or has a recurrence interval of greater than every 100 years.

Calculating Vulnerability

Vulnerability is measured in general, qualitative terms, and is a summary of the potential impact based on past occurrences, spatial extent, and damage and casualty potential:

- **Extremely Low:** The occurrence and potential cost of damage to life and property is very minimal to non-existent.
- **Low:** Minimal potential impact. The occurrence and potential cost of damage to life and property is minimal.
- **Medium:** Moderate potential impact. This ranking carries a moderate threat level to the general population and/or built environment. Here the potential damage is more isolated and less costly than a more widespread disaster.
- **High:** Widespread potential impact. This ranking carries a high threat to the general population and/or built environment. The potential for damage is widespread. Hazards in this category may have already occurred in the past.
- **Extremely High:** Very widespread and catastrophic impact.

Defining Significance (Priority) of a Hazard

Defining the significance or priority of a hazard to a community is based on a subjective analysis of several factors. This analysis is used to focus and prioritize hazards and associated mitigation measures for the plan. These factors include the following:

- **Past Occurrences:** Frequency, extent, and magnitude of historic hazard events.
- **Likelihood of Future Occurrences:** Based on past hazard events.
- **Ability to Reduce Losses through Implementation of Mitigation Measures:** This looks at both the ability to mitigate the risk of future occurrences as well as the ability to mitigate the vulnerability of a community to a given hazard event.

Risk Assessment Summary: Placer County Planning Area

Agricultural Hazards

- Most agricultural disasters in Placer County are associated with severe weather events, including heavy rains, floods, heat, and drought; insects and noxious weeds are also a concern.
- All but one USDA declarations (24 total) from 2002-2020 were associated with severe weather events; one associated with fire. Since 2012, 20 out of 23 USDA declarations were associated with drought.
- WHAT ARE THE BIGGEST AG ISSUES RELATED TO NATURAL HAZARDS?
- Likelihood of Future Occurrence: Highly Likely
- Vulnerability: Medium
- Priority Hazard

Avalanche

- High and moderate avalanche zones are located near the Placer-Nevada County line, south of Donner Lake and Lake Van Norden, east of Tahoe City, near Twin Peaks and McKinney Bay, and in areas near Squaw Valley, Alpine Meadows, and Sugar Bowl.
- Since 2009, there have been 286 avalanche fatalities in the US. There were 20 avalanche fatalities in Placer County between 1982 and 2020. Of these, 2 fatalities occurred in two incidents since the 2016 LHMP.
- ANY ADDITIONAL ISSUES/CONCERNS SINCE THE 2016 LHMP?
- Likelihood of Future Occurrence: Likely
- Vulnerability: Low
- Non-Priority Hazard?

Climate Change

- The 2018 State of California Multi-Hazard Mitigation Plan stated that climate change is already affecting California. Sea levels have risen by as much as seven inches along the California coast over the last century, increasing erosion and pressure on the state's infrastructure, water supplies, and natural resources. The State has also seen increased average temperatures, more extreme hot days, fewer cold nights, a lengthening of the growing season, shifts in the water cycle with less winter precipitation falling as snow, and both snowmelt and rainwater running off sooner in the year. Climate Change has the potential to alter the nature and frequency of most hazards.
- THE PLACER COUNTY SUSTAINABILITY PLAN HAS LOTS OF GREAT CLIMATE CHANGE INFO. DOES ANYONE HAVE ANY CLIMATE CHANGE CONCERNS/ISSUES TO NOTE?
- Likelihood of Future Occurrence: Likely
- Vulnerability: Medium
- Priority Hazard

Dam Failure

- According to data provided by Placer County, CA DWR, and Cal OES, there are 47 dams in the County. Of these, there are 3 extremely high hazard dams, 11 high hazard dams, 9 significant hazard dams, and 12 low hazard dams in Placer County that falls under the jurisdiction of the DSOD (jurisdictional dams

described above). 12 dams in Placer County lie outside the jurisdiction of the DSOD and do not have a hazard classification.

- In addition, there are 2 extremely high (Camp Far West/Rollins) and 4 High Hazard dams (Combie, Magnolia, Mark Edson, Lake Angela) located outside the County with inundation areas in unincorporated Placer.
- The most significant dams of concern include the Extremely High and High Hazard where loss of life is possible.
- Most inundation areas from extremely high and high dams intersect the unincorporated County; 3 dams (inside the County) also intersect Auburn – Lake Valley, LL Anderson, Sugar Pine.
- 4 Dam incidents affecting Placer County: 1964 Hell Hole Dam failure, 1986 Auburn Coffey Dam Failure, August 2004 Ralston Dam Release Gate Break, 2009 Cottonwood dam incident, Oroville Spillway Incidence 2018 (Butte County), OTHERS?
- WHAT ARE THE COUNTY’S BIGGEST CONCERN FROM DAMS? MOST NOTABLE DAMS OF CONCERN?
- Likelihood of Future Occurrence: Occasional
- Vulnerability: High to Extremely High?
- Priority Hazard

Drought and Water Shortage

- Historical drought data for the Placer County Planning Area and region indicate there have been 5 significant droughts in the last 84 years.
- Since 2012, snowpack levels in California had dropped dramatically. 2015 estimates place snowpack at 5 percent of normal levels. However, snowpack levels increased in 2016 and in 2017 snowpack levels were the highest they’ve been in 22 years. But then back down again in early 2018, only to be back up again in late 2018/2019. 2019/2020 was experiencing a fair amount of rain early on, and now again as we go in to 2021.
- 1 state (2014) disaster declarations and 1 federal declaration (1977) for Placer County since 1950. 26 USDA disaster declarations for drought 2012 – 2020. There have been 44 NCDC drought events in Placer County.
- WHAT ARE THE BIGGEST ISSUES/IMPACTS AND CONCERNS IN THE COUNTY FROM DROUGHT AND WATER SHORTAGE?
- Likelihood of Future Occurrence: Drought - Likely/Water supply - Occasional
- Vulnerability: High
- Priority Hazard

Earthquake

- Placer County lies between two seismically active regions in the western United States. Tectonic stresses associated with the North American-Pacific Plate boundary can generate damaging earthquakes along faults 30 to 100 miles to the west of the County. Extreme eastern Placer County borders the Basin and Range province that entails most of Nevada and western Utah. This area is riddled with active faults that are responsible for and form the boundary between each basin or valley and the neighboring mountain range.
- The USGS National Seismic Hazard Maps provides acceleration and probabilities for various time periods. Placer County falls within an area of mostly low to moderate seismic risk.

- USGS identified 51, 5.0 or greater earthquakes have occurred within 90 miles of Western Placer, and 66, 5.0 or greater earthquakes have occurred within 90 miles of Eastern Placer.
- ANY SPECIFIC PAST OR FELT OCCURRENCES FROM NEARBY EVENTS? PAST DAMAGES? WHAT ABOUT THE EARTHQUAKES ON THE EASTERN SIDE OF THE COUNTY?
- DO COMMUNITIES HAVE A URM OR OTHER INVENTORY OF VULNERABLE SEISMIC BUILDINGS?
- Likelihood of Future Occurrence: Unlikely – large, damaging earthquake; Occasional – minor earthquake
- Vulnerability: High – Extremely High?
- Priority Hazard?

Flood Hazards

1%/0.5%/0.2% Annual Chance

- Historically, portions of Placer County have always been at risk to flooding because of its annual percentage of rainfall in the winter and the number of watercourses that surround/traverse the County.
- 16 state and 13 federal declarations from 1950-present were for heavy rains and flooding. 39 NCDC Flood Events, and an additional 59 events related to severe rain and storms.
- REVIEW RISK ASSESSMENT AND ADD INFORMATION ON MAJOR FLOOD EVENTS.
- NEED SUMMARY OF IMPACTS FROM THE 2017/2018 FLOOD EVENT (THAT RESULTED IN EOC ACTIVATION AND A DISASTER DECLARATION). NEED INFORMATION ON ANY OTHER EVENTS SINCE THE 2016 PLAN. HOW ABOUT 2019 AND LAST WEEK?
- Likelihood of Future Occurrence: 1%-Occasional; 0.5% and 0.2%-Unlikely
- Vulnerability: High
- Priority Hazard

Localized/Stormwater flooding

- Significant localized flood history in the County – occurs annually
- CAN THE EACH PARTICIPATING JURISDICTION PROVIDE UPDATED DETAILS ON PROBLEM AREAS? PAST OCCURRENCES?
- REVIEW RISK ASSESSMENT AND ADD INFORMATION ON SIGNIFICANT FLOOD EVENTS/ISSUES/AREAS.
- Likelihood of Future Occurrence: Highly Likely
- Vulnerability: Medium
- Priority Hazard

Landslides, Mudslides, and Debris Flows

- The NCDC contains no records of landslides in the County. There have been no disaster declarations associated with landslides in Placer County.
- Notable landslides of record include the landslides in the Tahoe area along the Truckee River, Squaw Creek, and Bear Creek rivers associated with the 1997 Flood event.
- Recent landslide areas of concern (from 2016 LHMP) include the following: Old Foresthill Road, Ophir Road (two sites) – (1) near Stonehouse Road and (2) near Wise Road, Yankee Jim/s Road. OTHERS?

- Other landslide incidents of varying degrees of magnitude tend to occur in places throughout the County several times in a given year, but in most cases do not cause significant damage or public safety risk.
- ANY CURRENT LOCATIONS/PAST EVENTS TO NOTE?
- Likelihood of Future Occurrence: Occasional
- Vulnerability: Low
- Non-Priority Hazard

Levee Failure

- Several levees within Placer County and its incorporated communities (Roseville/Lincoln) have been determined to provide protection from the flood that has a 1-percent-chance of being equaled or exceeded in any given year.
- There are several existing levee systems at the downstream end of Auburn Ravine (mainly past the confluence with Orchard Creek) that are not certified by FEMA as providing protection against a 1% annual chance flood.
- No past occurrences of levee failure. ANY PAST OCCURRENCES/ISSUES/CONCERNS?
- Likelihood of Future Occurrence: Unlikely
- Vulnerability: Low
- Non-Priority Hazard

Pandemic

- The 20th Century had 3 Pandemics (WHO): 1918-1919 Influenza Pandemic (H1N1), 1957-1958 Influenza Pandemic (H2N2), and the 1968 Influenza Pandemic (H3N2). The 21st Century had 2 Pandemics (WHO): 2009 Swine Flu (H1N1) and 2020 Covid-19.
- One 2020 state and federal declaration for Covid-19; the NCDC does not track pandemics.
- The Placer County EOC was activated for COVID-19 in March – April (Level 1), May (Level 2), and June (Level 3).
- As of early February 2021, there had been over 18,000 cases of Covid-19 in the County and around 200 deaths.
- CAN WE GET A BRIEF SUMMARY OF PLACER COUNTY COVID-19 IMPACTS/ RESPONSE EFFORTS/PRIMARY ISSUES/CONCERNS? WHAT ABOUT THE 2009 SWINE FLU?
- Likelihood of Future Occurrence: Likely
- Vulnerability: High
- Priority Hazard

Seiche

- Research from the University of Nevada estimates that an earthquake must be at least a magnitude 6.5 to cause a damaging seiche at Lake Tahoe. The three faults directly underneath the lake are considered capable of generating magnitude 7.0 or larger earthquakes. Computer models of seiche activity at Lake Tahoe prepared by the University of Nevada research team estimate that waves as high as 30 feet could strike the shore. These projections suggest largest waves might hit Sugar Pine Point, Rubicon Point, and the casinos in South Lake Tahoe.
- There have been no occurrences of major seiche activity at Lake Tahoe in recent years. University of Nevada geologists have found deposits that extend for 10 miles along the McKinney Bay shore from

Sunnyside through Tahoma. These deposits indicate a tsunami or seiche with 30-foot-high waves occurred approximately 7,000 years ago.

- ANYTHING TO UPDATE FOR SEICHE?
- Likelihood of Future Occurrence: Unlikely
- Vulnerability: High
- Non-Priority Hazard?

Severe Weather

Extreme Heat

- Annual occurrences of hot temperatures. The highest recorded daily extreme was 113°F in July 1972 in western Placer. In a typical year, maximum temperatures exceed 90°F on 67.7 days in western Placer.
- In eastern Placer, the highest recorded daily extreme was 94°F in July 1933. In a typical year, maximum temperatures exceed 90°F on 0.4 days in eastern Placer.
- No state or federal disaster declarations. 5 USDA declarations since 2012. 32 extreme heat events (NCDC) since 1950.
- Climate change likely to affect this hazard in the future.
- EOC activations include an Extreme Heat and Potential Rolling Blackout in August 2020; numerous PSPS events: 2018 (2), 2019 (7), 2020 (5).
- IS THERE A SUMMARY OF PSPS EVENTS, AREAS AFFECTED, DURATION, ETC. TO NOTE?
- PLEASE PROVIDE DETAILS ON OTHER EXTREME HEAT EVENTS/MAJOR CONCERNS?
- Likelihood of Future Occurrence: Highly Likely
- Vulnerability: Medium
- Priority Hazard

Freeze and Snow

- Annual occurrences of winter weather
- The lowest recorded daily extreme was 16°F in 1972 in western Placer. In a typical year, minimum temperatures fall below 32°F on 22.6 days with 0 days falling below 0°F. Average snowfall on the western side of the County is 1.4 inches
- The lowest recorded daily extreme was -16°F in 1972 in eastern Placer. In a typical year, minimum temperatures fall below 32°F on 209 days with 0.4 days falling below 0°F. Average snowfall on the eastern side of the County is 190.7 inches.
- 913 severe winter weather and freeze events (NCDC) from 1993-2014
- 1 freeze and severe weather state Disaster Declaration, 1972
- HMPC TO REVIEW RISK ASSESSMENT TO PROVIDE DETAILS ON MAJOR FREEZE AND SNOW EVENTS IN THE COUNTY. WHAT ABOUT BIG SNOW EVENTS IN THE EASTERN SIDE OF THE COUNTY SINCE 2016? HOW ABOUT THIS LAST WEEK?
- Likelihood of Future Occurrence: Highly Likely
- Vulnerability: Medium
- Priority Hazard

Heavy Rains and Storms (Hail, Lightning, Wind)

- Significant County history: annual occurrences; Severe storms/heavy rains are the primary cause of most major flooding.
- Average annual precipitation in western Placer County is 34.39 inches per year. The highest recorded annual precipitation is 64.87 inches in 1983; the highest recorded precipitation for a 24-hour period is 5.41 inches on October 13, 1962. The lowest recorded annual precipitation was 11.76 inches in 1976.
- Average annual precipitation in eastern Placer County is 31.46 inches per year. The highest recorded annual precipitation is 66.41 inches in 1996; the highest recorded precipitation for a 24-hour period is 7.0 inches on November 4, 1903. The lowest recorded annual precipitation was 9.34 inches in 1976.
- There have been 16 federal and 13 state declarations since 1950 for flooding, including heavy rains and storms. Since 2012, there have been 9 USDA declarations related to heavy rains.
- The NCDC data recorded 68 events for Placer County since 1950.
- CAN THE HMPC PROVIDE DETAILS ON HEAVY RAIN AND STORM EVENTS, INCLUDING HAIL, LIGHTNING, AND WIND IN THE COUNTY SINCE 2013. PA SHEETS? OTHER?
- Likelihood of Future Occurrence: Highly Likely
- Vulnerability: Medium
- Priority Hazard

Tree Mortality

- Tree Mortality has been a significant issue in Placer County since the 2012-2016 tree mortality event in the central and southern Sierra Nevada counties.
- No state or federal disaster declarations for Tree Mortality since 1950. A state of emergency was declared in 2015. NCDC does not track tree mortality issues.
- CAN THE COUNTY PROVIDE US WITH DATA AND PROBLEM AREAS, KEY ISSUES/CONCERNS RELATED TO TREE MORTALITY? INCLUDE BOTH PAST EVENTS, AREAS AFFECTED, AND MITIGATION UNDERTAKEN SINCE 2016.
- Likelihood of Future Occurrence: Highly Likely
- Vulnerability: High
- Priority Hazard

Wildfire

- Wildfires occur on an annual basis in the Placer County Planning Area.
- Any ignition has the potential to become an out of control wildfire.
- Numerous named fires causing a variety of damages.
- 5 state and 6 federal disaster declarations for Wildfire since 1950.
- Cal Fire database lists numerous notable fires; 22 NCDC wildfire events since 1993.
- Significant wildfires since the 2016 LHMP include those where EOC was activated: Trail Head Fire (2016), North Fire, Sliger Fire, and Camp Fire (2018), Fork Fire (2020). NEED SPECIFIC IMPACTS TO COUNTY AND JURISDICTIONS FROM THESE FIRES.
- OTHER SIGNIFICANT HISTORIC WILDFIRES AND PAST DAMAGES/ IMPACTS/ ISSUES SINCE 2016? INCLUDE THOSE BOTH OCCURRING INSIDE AND OUTSIDE THE COUNTY WHERE THE COUNTY WAS AFFECTED? 2020 NORTH COMPLEX FIRE?
- INCLUDE INFORMATION ON IMPACTS AND DAMAGES, AIR QUALITY AND SMOKE ISSUES? EVACUATION OR MUTUAL AID SUPPORT? OTHER?

- Likelihood of Future Occurrence: Highly Likely
- Vulnerability: Extremely High
- Priority Hazard

Data Needs

Review of Key Items to Date

- Hazard-specific data
 - ✓ Hazard ID tables
 - ✓ Historic Hazard Worksheets or list of past hazard occurrences and impacts to each jurisdiction
 - Old participating jurisdictions – need past occurrences/hazard history since 2016
 - New participating jurisdictions –significant hazard occurrences - back 50 years or so
- Risk Assessment Worksheets (County)
- Data on future development areas (County/Cities)

Other Data Items

General

- Logos for each participating jurisdiction
- Historic Hazard Data and Key areas affected by Jurisdiction (items identified in today's meeting)
- PA Summaries
- Photos, Photos, Photos
- Review of Updated Chapter 4 Risk Assessment and Jurisdictional Annexes

A.4.3. Mitigation Strategy Meeting Handouts

Handouts specific to the Risk Assessment Meeting can be found in Appendix C.

A.4.4. Final HMPC Meeting Handouts

INSERT

A.4.5. Initial Public Meeting Handouts

Placer County LHMP Update: 2021 Hazards

- Avalanche
- Climate Change
- Dam Failure
- Drought and Water Shortage
- Earthquake
- Flood: (1%/0.2% year)
- Flood: Localized/Stormwater
- Landslide, Mudslide, and Debris Flows
- Levee Failure
- Pandemic
- Seiche
- Severe Weather: Extreme Heat
- Severe Weather: Freeze and Snow
- Severe Weather: Heavy Rains and Storms (Hail, Lightning)
- Severe Weather: High Winds and Tornadoes
- Wildfire

Placer County Historic Hazard Worksheet (Past Occurrences)

Please fill out one sheet for each significant hazard event with as much detail as possible. Attach supporting documentation, photocopies of newspaper articles, or other original sources.

Type of event		
Nature and magnitude of event		
Location		
Date of event		
Injuries		
Deaths		
Property damage		
Infrastructure damage		
Crop damage		
Business/economic impacts		
Road/school/other closures		
Other damage		
Insured losses		
Federal/state disaster relief funding		
Opinion on likelihood of occurring again		
Source of information		
Comments		
	Please return worksheets by mail, email, or fax to: Jeanine Foster, Foster Morrison 10298 Boulder Ridge Dr. Peyton, CO 80831 fax: (720) 893-0863 email: jeanine.foster@fostermorrison.com	
Prepared by:		
Phone:		
Email:		
Date:		

A.4.6. Final Public Meeting Handouts

INSERT